

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091323\  
 Data File : VX037686.D  
 Acq On : 13 Sep 2023 11:36  
 Operator : JC/MD  
 Sample : VX0913WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 14 02:16:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091123W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 12 10:10:04 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 205084   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 351519   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 336430   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 165187   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 155321   | 46.810   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 93.620%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 124587   | 50.003   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 100.000% |
| 50) Toluene-d8              | 8.647  | 98    | 468357   | 49.842   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 99.680%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 168774   | 49.783   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 99.560%  |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.167 | 85  | 42117  | 18.731 | ug/l   | 96  |
| 3) Chloromethane             | 1.307 | 50  | 47079  | 18.379 | ug/l   | 100 |
| 4) Vinyl Chloride            | 1.374 | 62  | 52353  | 18.169 | ug/l   | 98  |
| 5) Bromomethane              | 1.599 | 94  | 41926  | 17.395 | ug/l   | 96  |
| 6) Chloroethane              | 1.685 | 64  | 37263  | 18.808 | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 87048  | 18.259 | ug/l   | 99  |
| 8) Diethyl Ether             | 2.136 | 74  | 34215  | 18.083 | ug/l   | 82  |
| 9) 1,1,2-Trichlorotrifluo... | 2.325 | 101 | 41391  | 19.368 | ug/l   | 97  |
| 10) Methyl Iodide            | 2.453 | 142 | 48976  | 19.405 | ug/l   | 94  |
| 11) Tert butyl alcohol       | 2.965 | 59  | 69653  | 94.665 | ug/l # | 92  |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 39802  | 18.864 | ug/l   | 89  |
| 13) Acrolein                 | 2.240 | 56  | 48341  | 89.168 | ug/l   | 99  |
| 14) Allyl chloride           | 2.666 | 41  | 68733  | 18.595 | ug/l   | 96  |
| 15) Acrylonitrile            | 3.069 | 53  | 144375 | 94.877 | ug/l   | 99  |
| 16) Acetone                  | 2.380 | 43  | 132482 | 98.759 | ug/l   | 91  |
| 17) Carbon Disulfide         | 2.514 | 76  | 91753  | 17.106 | ug/l   | 99  |
| 18) Methyl Acetate           | 2.703 | 43  | 104985 | 18.532 | ug/l   | 95  |
| 19) Methyl tert-butyl Ether  | 3.117 | 73  | 152972 | 18.364 | ug/l   | 98  |
| 20) Methylene Chloride       | 2.788 | 84  | 52358  | 19.407 | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 45518  | 18.751 | ug/l   | 90  |
| 22) Diisopropyl ether        | 3.764 | 45  | 149956 | 18.622 | ug/l # | 92  |
| 23) Vinyl Acetate            | 3.727 | 43  | 553482 | 94.233 | ug/l   | 96  |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 87365  | 18.618 | ug/l   | 99  |
| 25) 2-Butanone               | 4.562 | 43  | 202615 | 92.632 | ug/l   | 93  |
| 26) 2,2-Dichloropropane      | 4.483 | 77  | 67388  | 20.645 | ug/l   | 95  |
| 27) cis-1,2-Dichloroethene   | 4.495 | 96  | 56514  | 19.091 | ug/l   | 91  |
| 28) Bromochloromethane       | 4.904 | 49  | 42300  | 17.843 | ug/l   | 85  |
| 29) Tetrahydrofuran          | 5.007 | 42  | 128857 | 92.510 | ug/l   | 91  |
| 30) Chloroform               | 5.099 | 83  | 95287  | 18.803 | ug/l   | 98  |
| 31) Cyclohexane              | 5.471 | 56  | 70059  | 18.336 | ug/l   | 93  |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 79854  | 18.933 | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 5.696 | 75  | 63419  | 18.710 | ug/l   | 97  |
| 37) Ethyl Acetate            | 4.721 | 43  | 73523  | 18.957 | ug/l   | 96  |
| 38) Carbon Tetrachloride     | 5.678 | 117 | 66660  | 19.251 | ug/l   | 98  |
| 39) Methylcyclohexane        | 7.379 | 83  | 78199  | 19.497 | ug/l   | 94  |
| 40) Benzene                  | 6.038 | 78  | 198845 | 19.351 | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091323\  
 Data File : VX037686.D  
 Acq On : 13 Sep 2023 11:36  
 Operator : JC/MD  
 Sample : VX0913WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 14 02:16:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091123W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 12 10:10:04 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 39655    | 19.412  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 74342    | 18.511  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 119079   | 19.246  | ug/l   | 96       |
| 44) Trichloroethene           | 7.129  | 130  | 50534    | 19.684  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 52538    | 19.374  | ug/l   | 97       |
| 46) Dibromomethane            | 7.586  | 93   | 37990    | 19.257  | ug/l   | 95       |
| 47) Bromodichloromethane      | 7.824  | 83   | 69767    | 19.589  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.696  | 41   | 58147    | 19.441  | ug/l   | 88       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 31949    | 431.145 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 400741   | 98.636  | ug/l   | 97       |
| 52) Toluene                   | 8.720  | 92   | 127724   | 19.332  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 69456    | 19.236  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 78220    | 19.742  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 55593    | 19.983  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 82076    | 19.282  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 89145    | 19.103  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.245  | 63   | 199885   | 96.849  | ug/l   | 100      |
| 59) 2-Hexanone                | 9.433  | 43   | 313029   | 99.815  | ug/l   | 95       |
| 60) Dibromochloromethane      | 9.525  | 129  | 52572    | 19.239  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 57990    | 19.392  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 43015    | 19.734  | ug/l   | 95       |
| 65) Chlorobenzene             | 10.080 | 112  | 138017   | 19.247  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 50406    | 20.396  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 248660   | 19.486  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 190288   | 39.107  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 94339    | 19.446  | ug/l   | 99       |
| 70) Styrene                   | 10.653 | 104  | 155121   | 19.599  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 37785    | 19.539  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.964 | 105  | 249369   | 20.163  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 106942   | 19.830  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 91609    | 19.794  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 94274    | 25.960  | ug/l   | 92       |
| 77) Bromobenzene              | 11.201 | 156  | 60392    | 20.606  | ug/l   | 92       |
| 78) n-propylbenzene           | 11.305 | 91   | 283433   | 19.920  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 175280   | 20.013  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 214201   | 20.608  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 22983    | 19.237  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 197031   | 19.693  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 214328   | 20.526  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 213310   | 20.356  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 259819   | 20.155  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 215125   | 20.365  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 110696   | 19.671  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 111300   | 19.244  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 185874   | 19.428  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.536 | 117  | 35498    | 19.915  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 113208   | 20.107  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 18286    | 19.242  | ug/l   | 82       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 65397    | 19.503  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 29703    | 21.206  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 235525   | 19.391  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 67403    | 19.592  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091323\  
Data File : VX037686.D  
Acq On : 13 Sep 2023 11:36  
Operator : JC/MD  
Sample : VX0913WBS01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

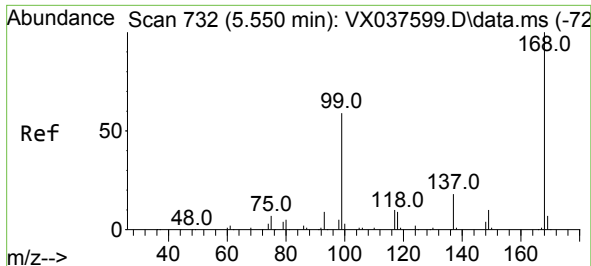
Quant Time: Sep 14 02:16:19 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091123W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 12 10:10:04 2023  
Response via : Initial Calibration

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

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

Quant Time: Sep 14 02:16:19 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091123W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 12 10:10:04 2023  
Response via : Initial Calibration

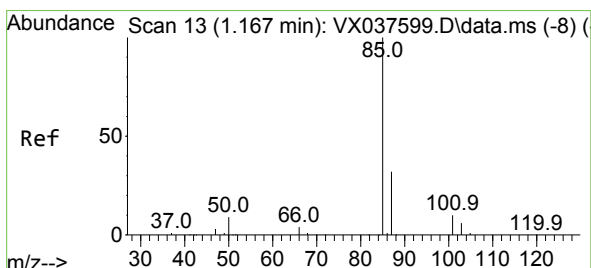
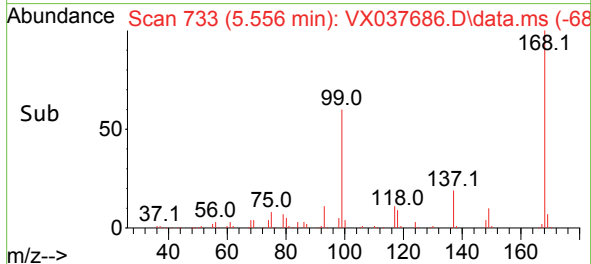
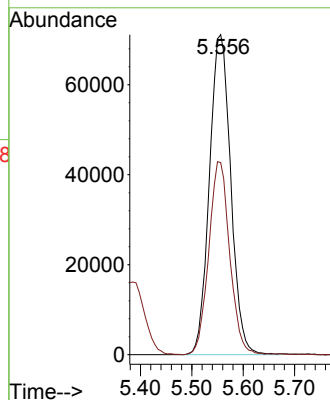
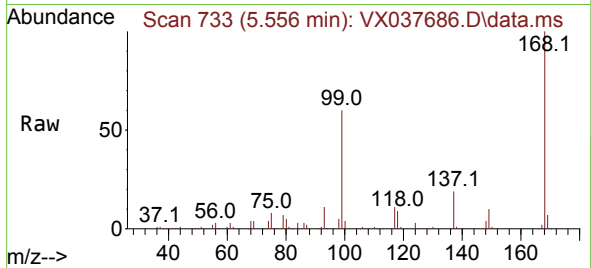




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

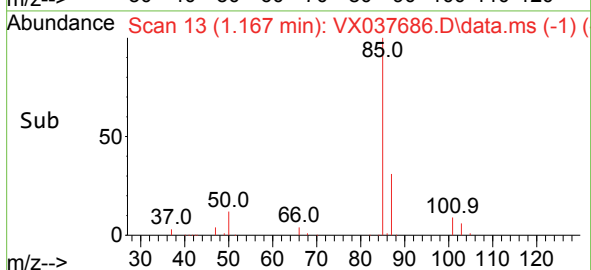
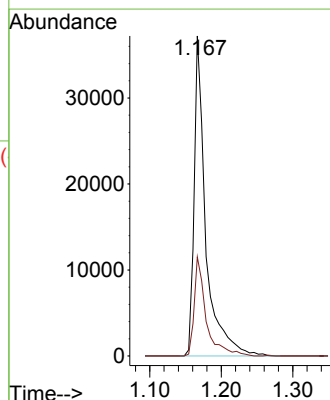
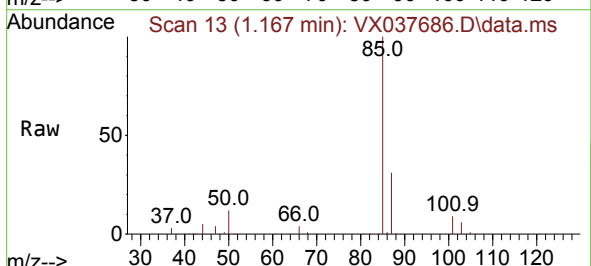
Instrument :  
MSVOA\_X  
ClientSampleId :

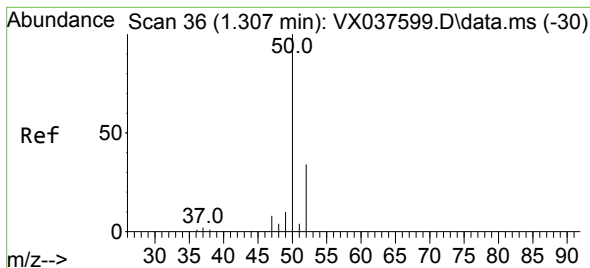
Tgt Ion:168 Resp: 205084  
Ion Ratio Lower Upper  
168 100  
99 60.0 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 18.731 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

Tgt Ion: 85 Resp: 42117  
Ion Ratio Lower Upper  
85 100  
87 31.0 16.7 50.1





#3

Chloromethane

Concen: 18.379 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA\_X

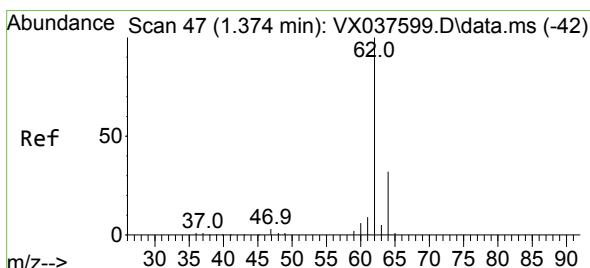
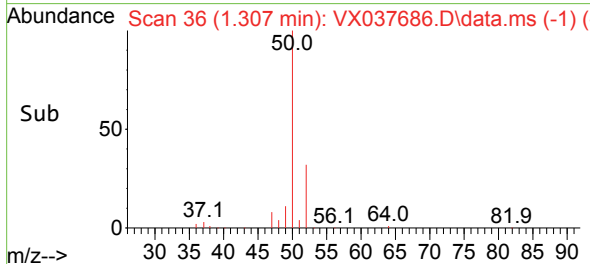
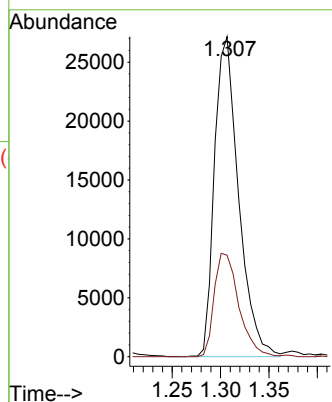
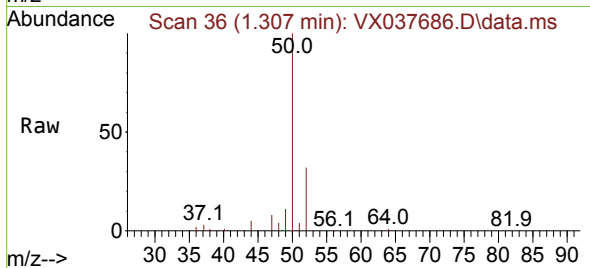
ClientSampleId :

Tgt Ion: 50 Resp: 47079

Ion Ratio Lower Upper

50 100

52 31.7 25.5 38.3



#4

Vinyl Chloride

Concen: 18.169 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX037686.D

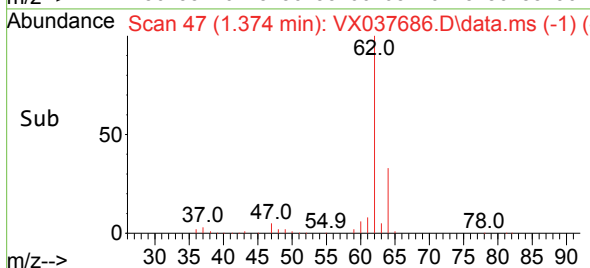
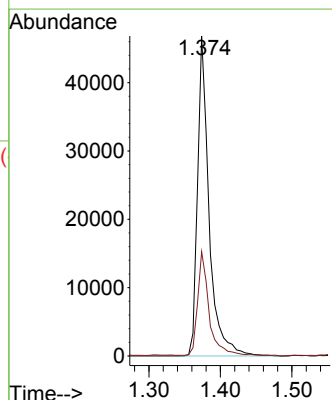
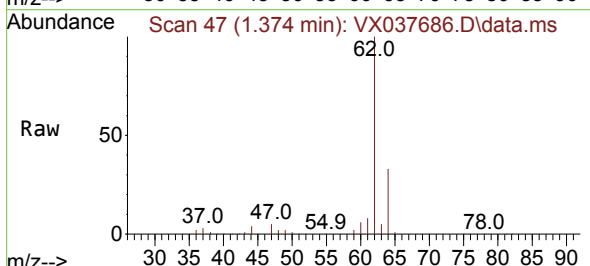
Acq: 13 Sep 2023 11:36

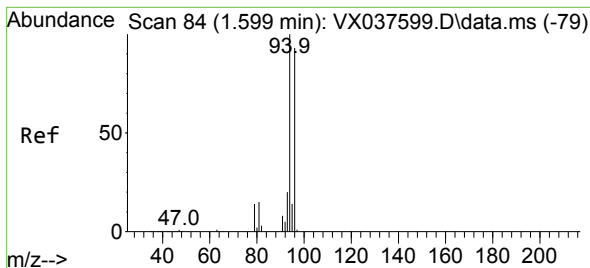
Tgt Ion: 62 Resp: 52353

Ion Ratio Lower Upper

62 100

64 32.6 25.4 38.0





#5

Bromomethane

Concen: 17.395 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA\_X

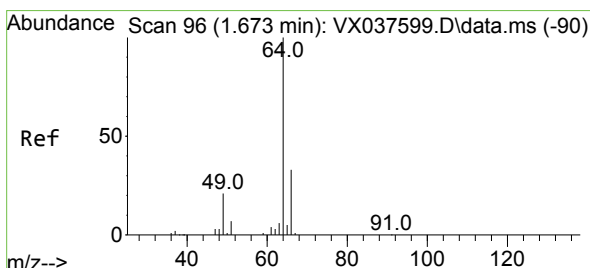
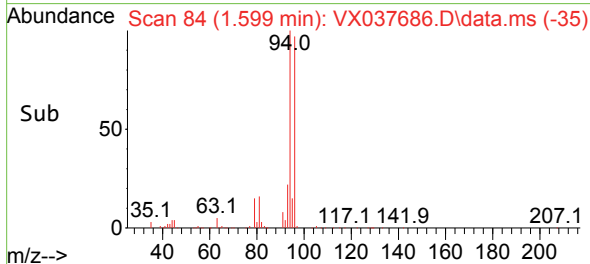
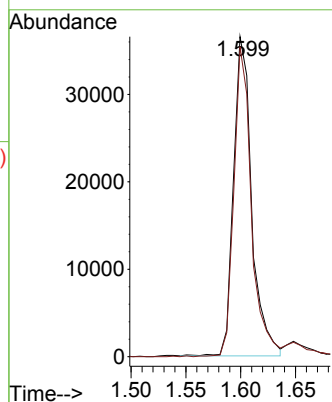
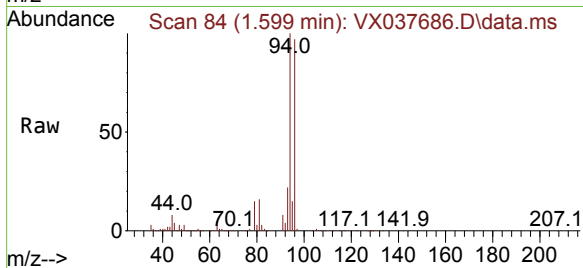
ClientSampleId :

Tgt Ion: 94 Resp: 41926

Ion Ratio Lower Upper

94 100

96 97.1 74.6 111.8



#6

Chloroethane

Concen: 18.808 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.012 min

Lab File: VX037686.D

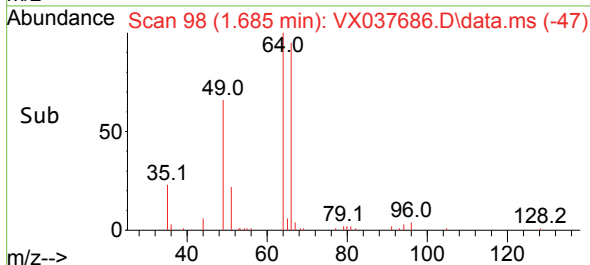
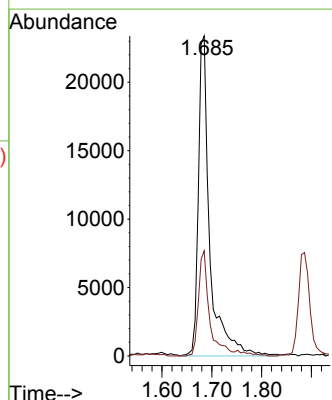
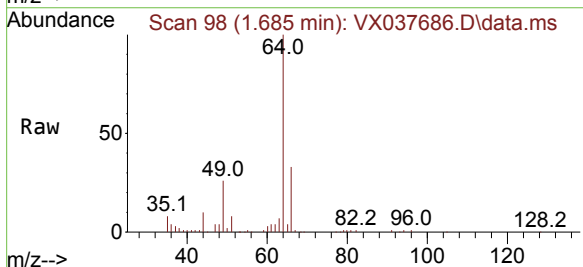
Acq: 13 Sep 2023 11:36

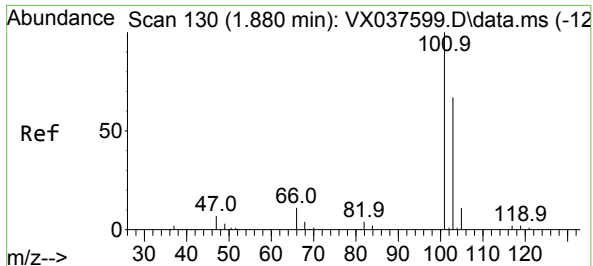
Tgt Ion: 64 Resp: 37263

Ion Ratio Lower Upper

64 100

66 32.8 25.1 37.7

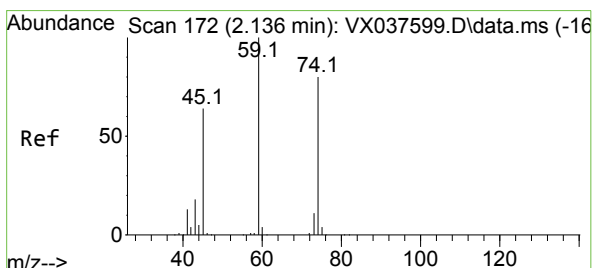
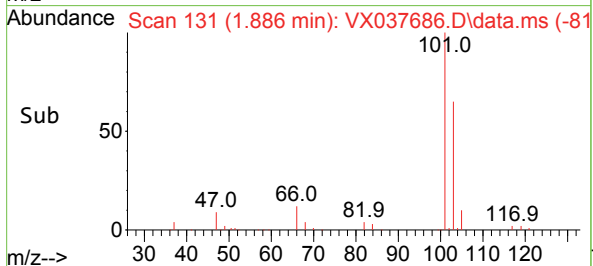
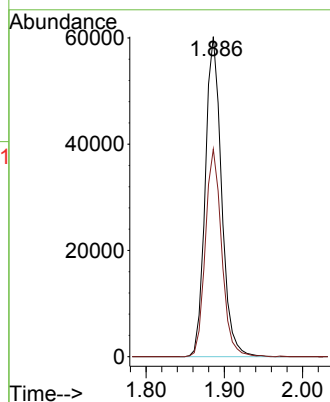
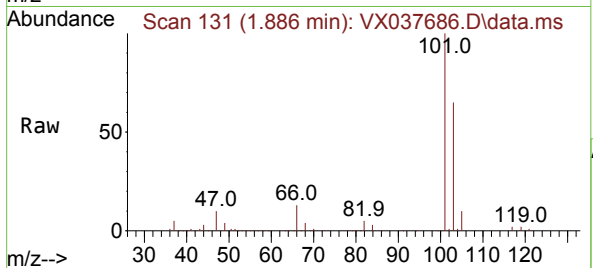




#7  
 Trichlorofluoromethane  
 Concen: 18.259 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX037686.D  
 Acq: 13 Sep 2023 11:36

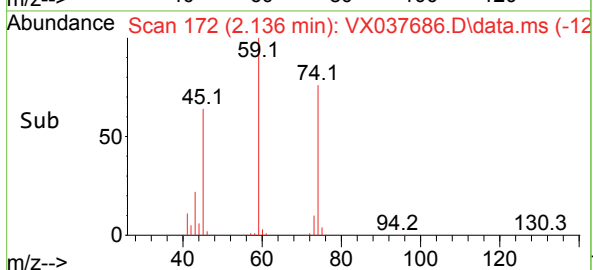
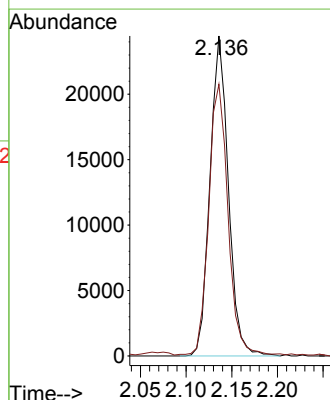
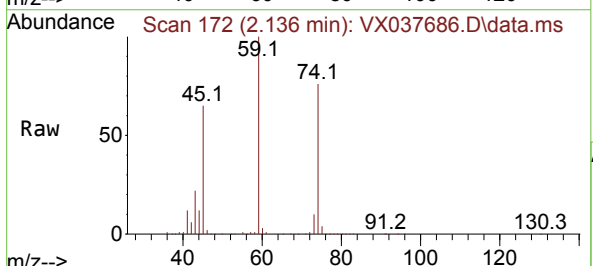
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion:101 Resp: 87048  
 Ion Ratio Lower Upper  
 101 100  
 103 64.8 51.4 77.2

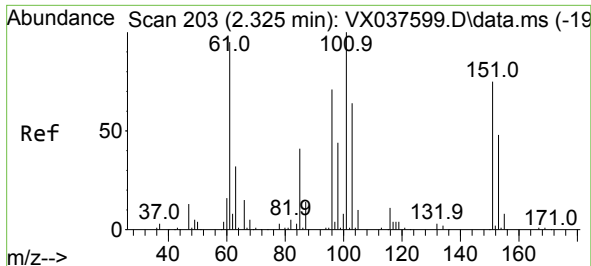


#8  
 Diethyl Ether  
 Concen: 18.083 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.000 min  
 Lab File: VX037686.D  
 Acq: 13 Sep 2023 11:36

Tgt Ion: 74 Resp: 34215  
 Ion Ratio Lower Upper  
 74 100  
 45 87.9 53.3 159.8



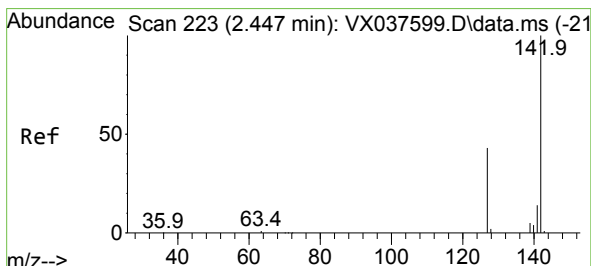
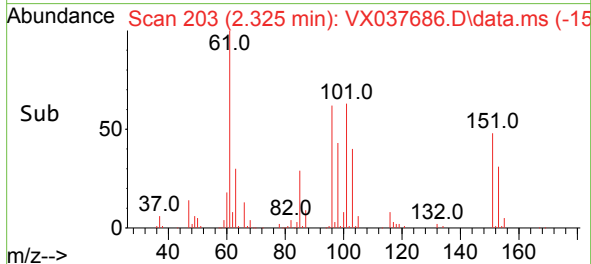
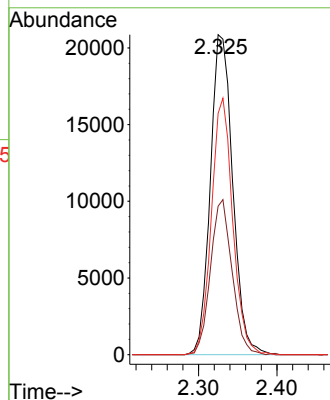
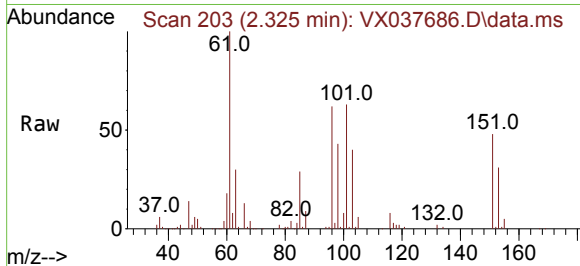




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.368 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

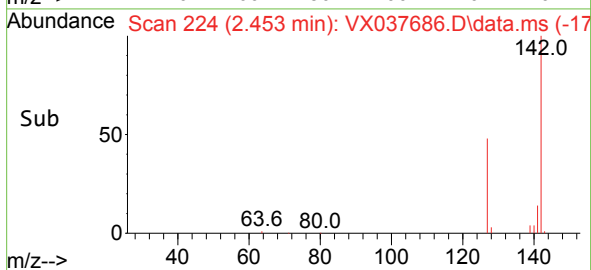
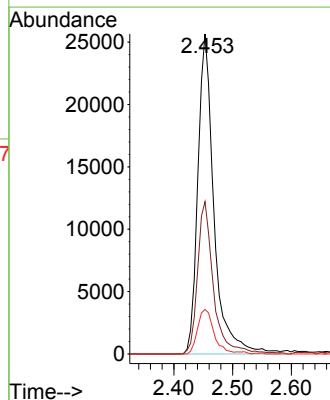
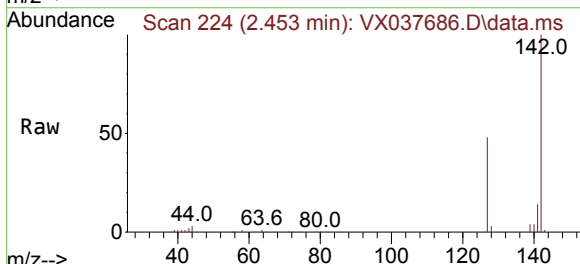
Instrument :  
MSVOA\_X  
ClientSampleId :

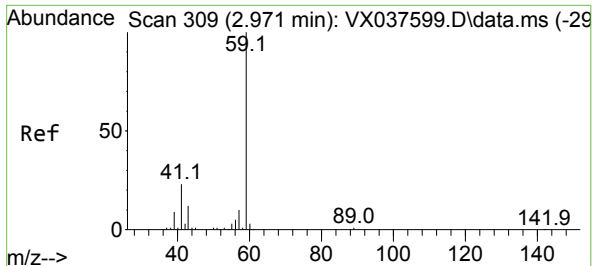
Tgt Ion:101 Resp: 41391  
Ion Ratio Lower Upper  
101 100  
85 46.9 37.0 55.6  
151 76.5 58.6 87.8



#10  
Methyl Iodide  
Concen: 19.405 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.006 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

Tgt Ion:142 Resp: 48976  
Ion Ratio Lower Upper  
142 100  
127 46.7 41.6 62.4  
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 94.665 ug/l

RT: 2.965 min Scan# 309

Delta R.T. -0.006 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA\_X

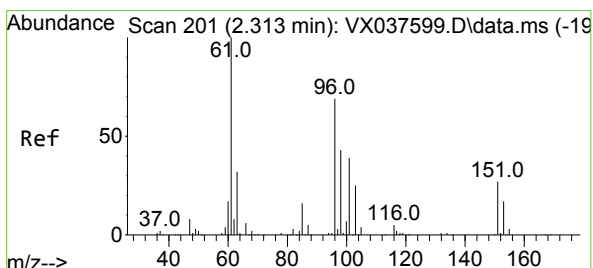
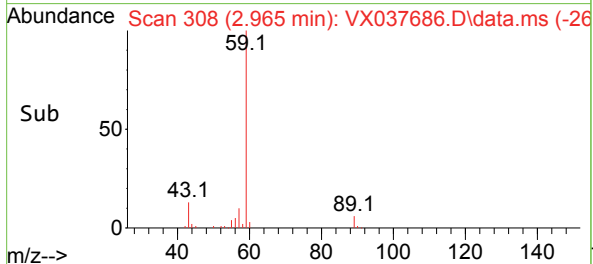
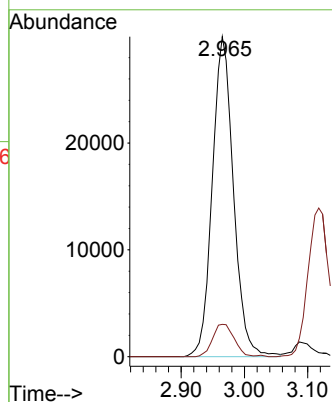
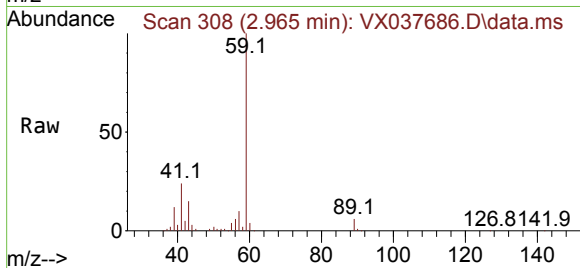
ClientSampleId :

Tgt Ion: 59 Resp: 69653

Ion Ratio Lower Upper

59 100

57 10.4 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 18.864 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

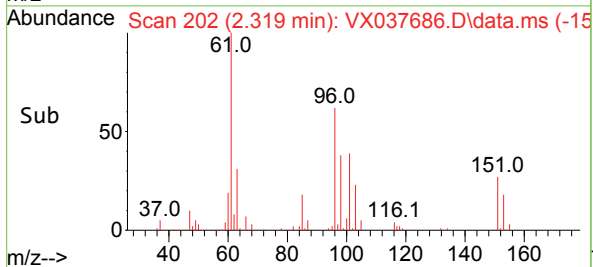
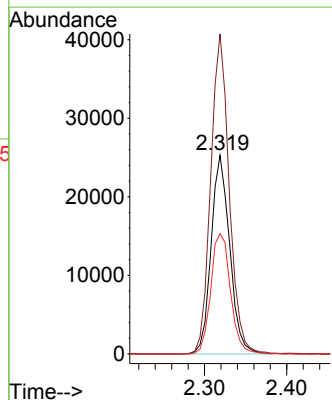
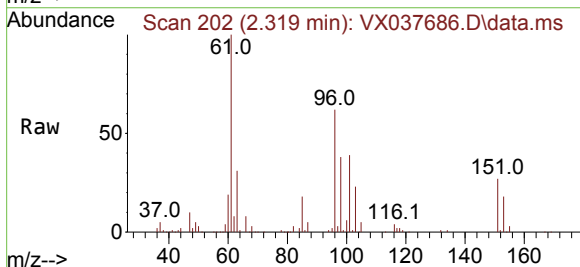
Tgt Ion: 96 Resp: 39802

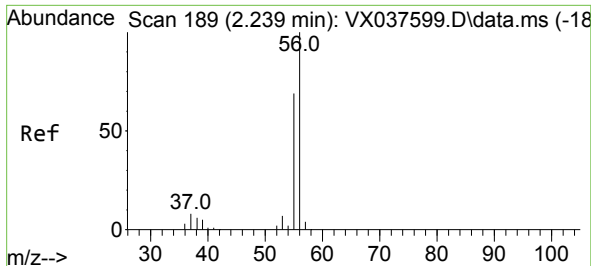
Ion Ratio Lower Upper

96 100

61 161.1 144.6 216.8

98 60.6 50.4 75.6





#13

Acrolein

Concen: 89.168 ug/l

RT: 2.240 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA\_X

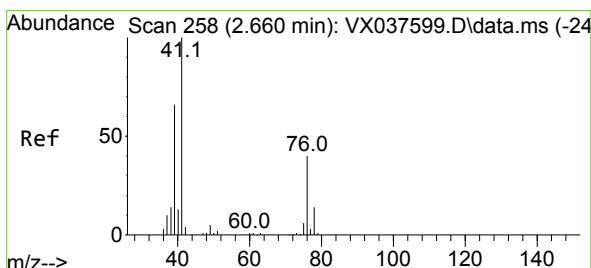
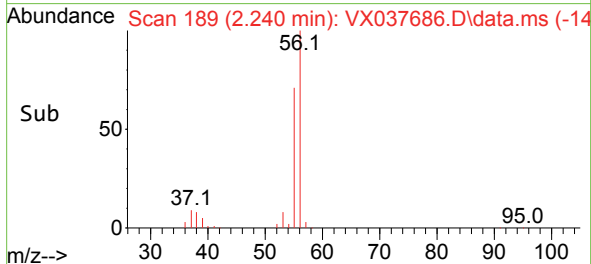
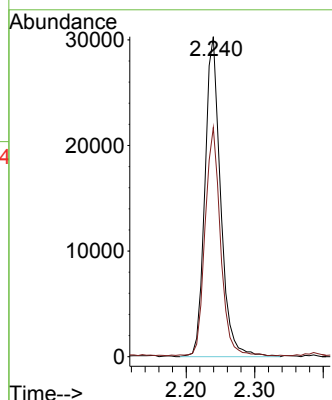
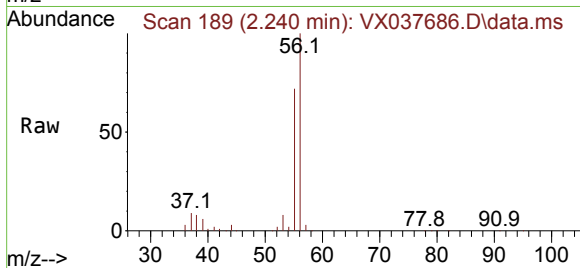
ClientSampleId :

Tgt Ion: 56 Resp: 48341

Ion Ratio Lower Upper

56 100

55 70.5 57.1 85.7



#14

Allyl chloride

Concen: 18.595 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

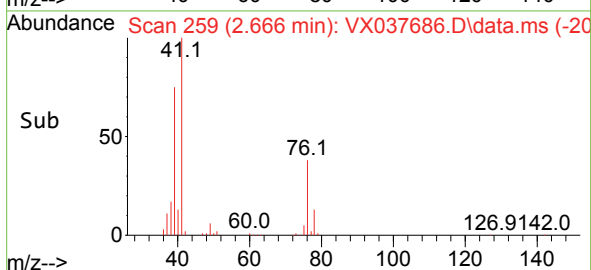
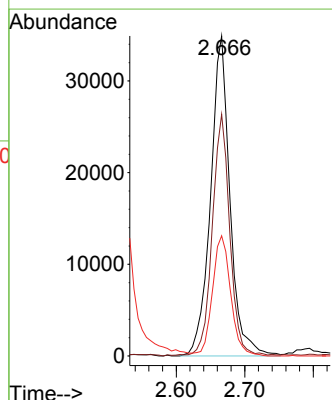
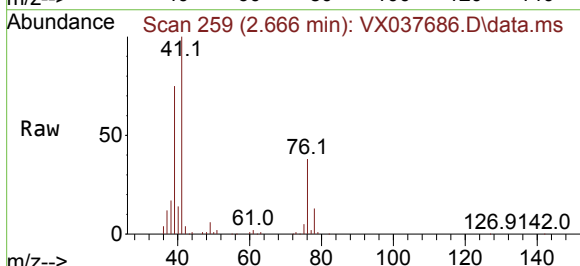
Tgt Ion: 41 Resp: 68733

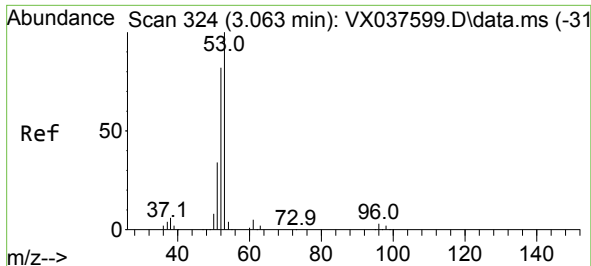
Ion Ratio Lower Upper

41 100

39 68.4 55.8 83.6

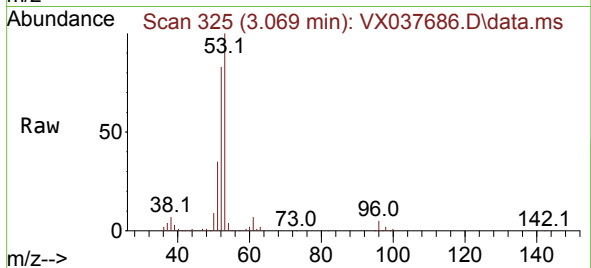
76 35.3 24.3 36.5



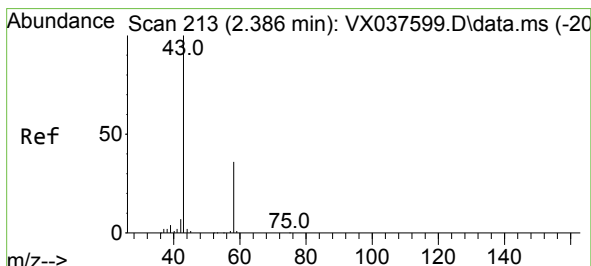
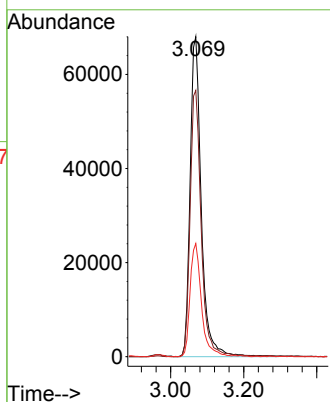
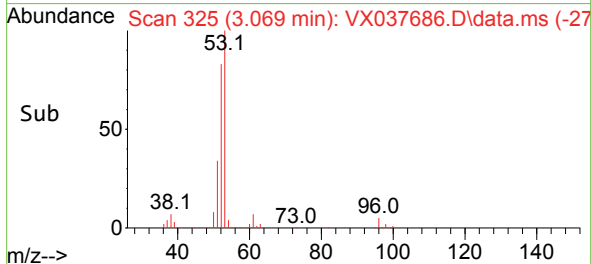


#15  
Acrylonitrile  
Concen: 94.877 ug/l  
RT: 3.069 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

Instrument :  
MSVOA\_X  
ClientSampleId :

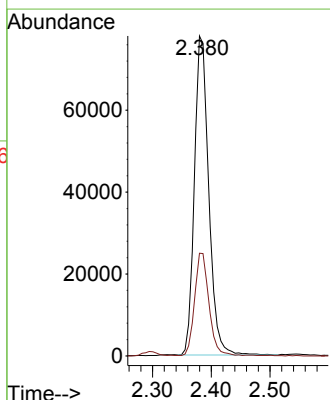
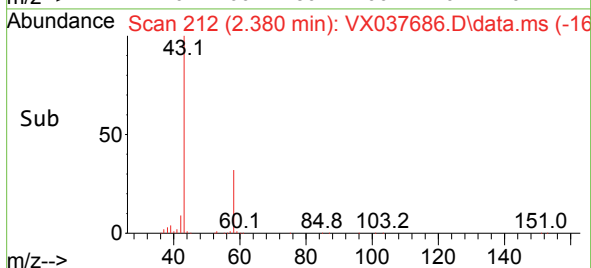
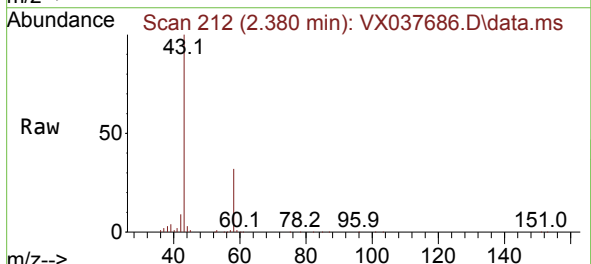


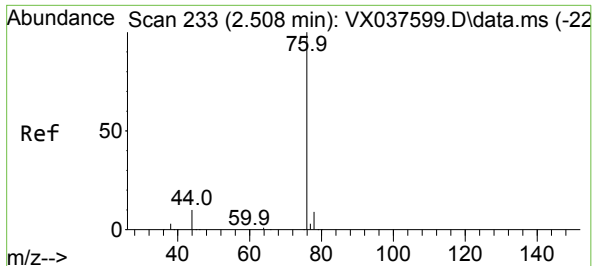
Tgt Ion: 53 Resp: 144375  
Ion Ratio Lower Upper  
53 100  
52 82.6 66.0 99.0  
51 36.3 29.8 44.6



#16  
Acetone  
Concen: 98.759 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

Tgt Ion: 43 Resp: 132482  
Ion Ratio Lower Upper  
43 100  
58 32.1 21.9 32.9

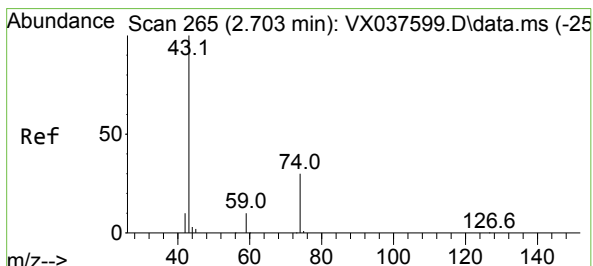
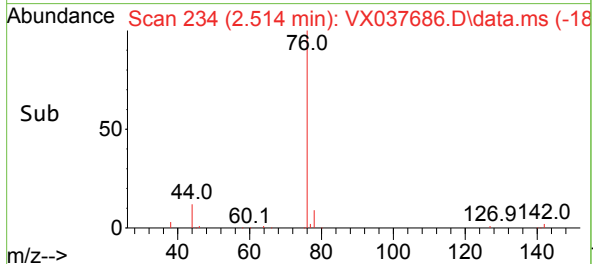
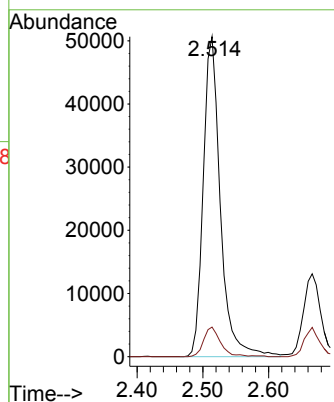
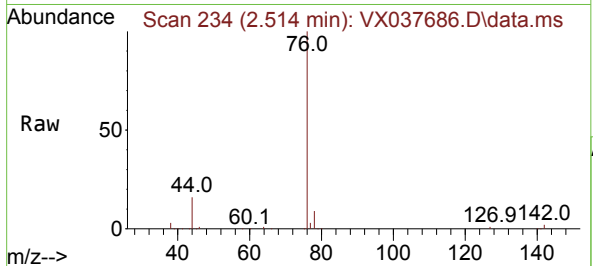




#17  
Carbon Disulfide  
Concen: 17.106 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

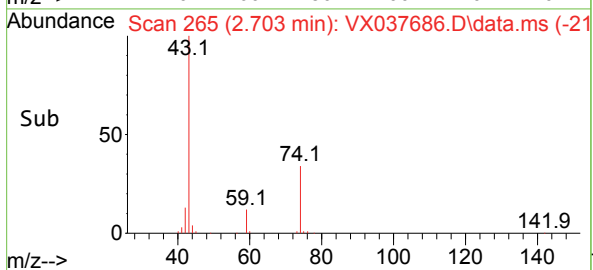
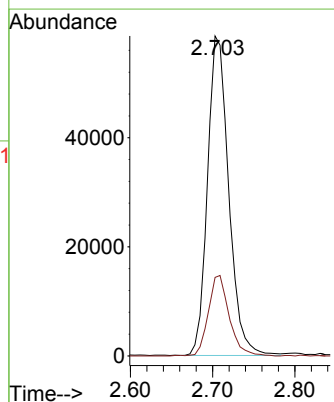
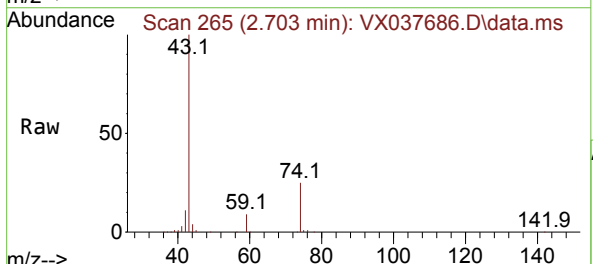
Instrument :  
MSVOA\_X  
ClientSampleId :

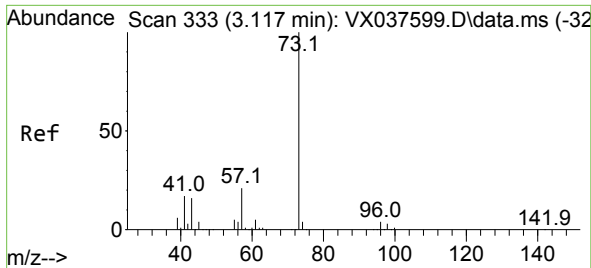
Tgt Ion: 76 Resp: 91753  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.0 10.6



#18  
Methyl Acetate  
Concen: 18.532 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

Tgt Ion: 43 Resp: 104985  
Ion Ratio Lower Upper  
43 100  
74 24.9 17.8 26.8

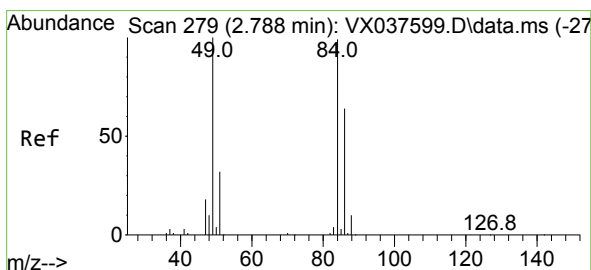
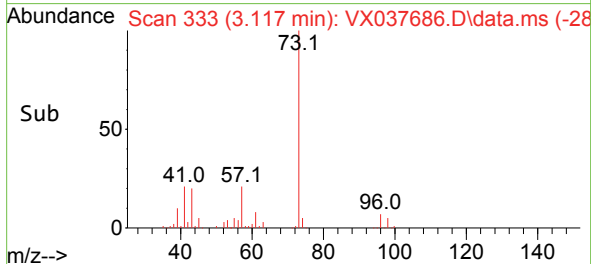
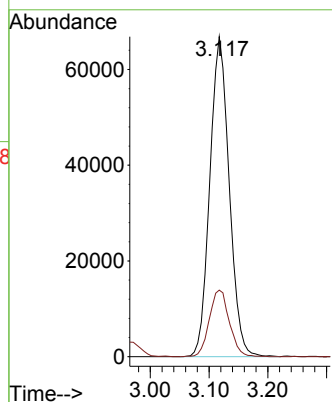
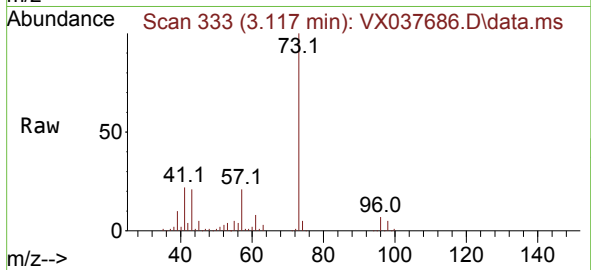




#19  
Methyl tert-butyl Ether  
Concen: 18.364 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

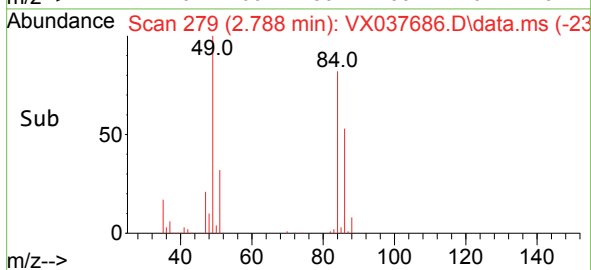
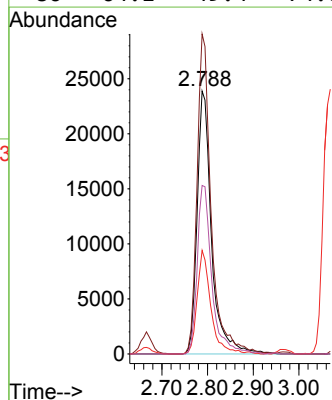
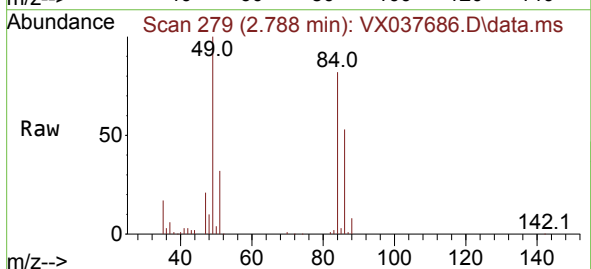
Instrument :  
MSVOA\_X  
ClientSampleId :

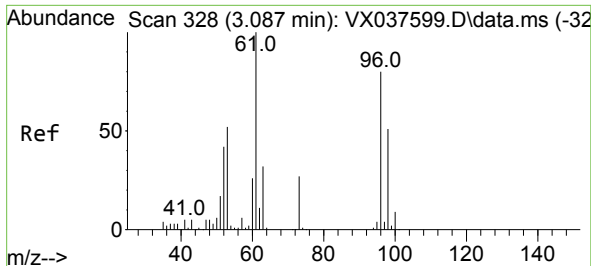
Tgt Ion: 73 Resp: 152972  
Ion Ratio Lower Upper  
73 100  
57 20.8 17.3 25.9



#20  
Methylene Chloride  
Concen: 19.407 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

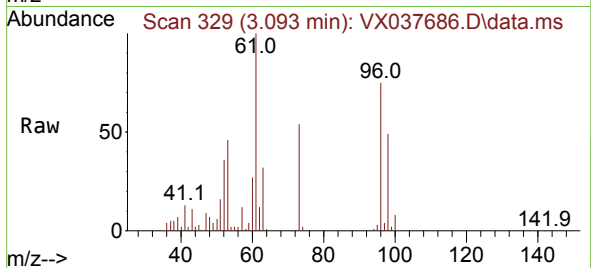
Tgt Ion: 84 Resp: 52358  
Ion Ratio Lower Upper  
84 100  
49 121.7 103.6 155.4  
51 39.4 33.8 50.6  
86 64.1 49.4 74.0



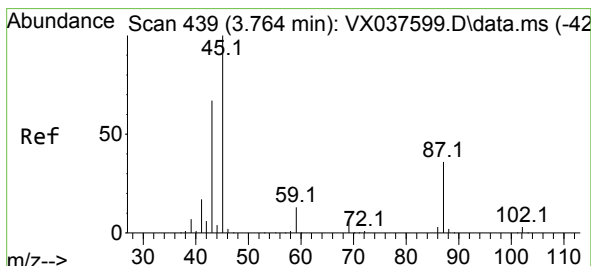
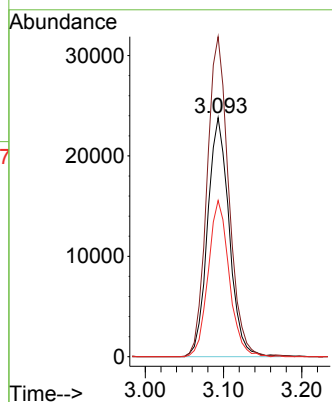
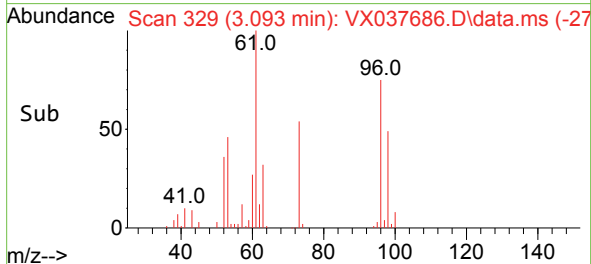


#21  
trans-1,2-Dichloroethene  
Concen: 18.751 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

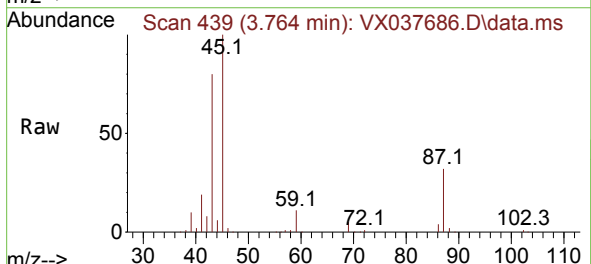
Instrument :  
MSVOA\_X  
ClientSampleId :



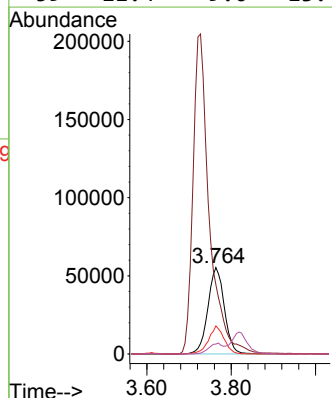
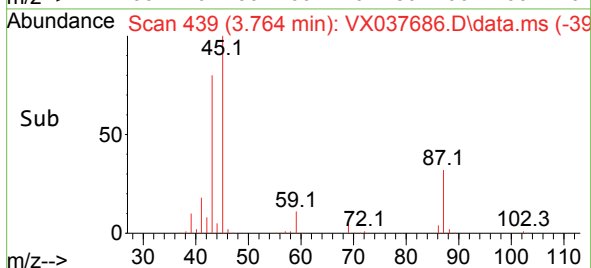
Tgt Ion: 96 Resp: 45518  
Ion Ratio Lower Upper  
96 100  
61 133.9 119.2 178.8  
98 65.3 48.7 73.1

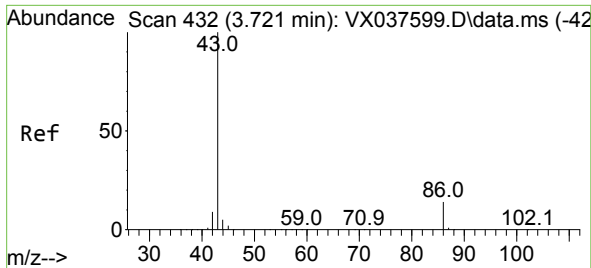


#22  
Diisopropyl ether  
Concen: 18.622 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36



Tgt Ion: 45 Resp: 149956  
Ion Ratio Lower Upper  
45 100  
43 79.7 69.7 104.5  
87 32.3 20.8 31.2#  
59 11.4 9.0 13.4

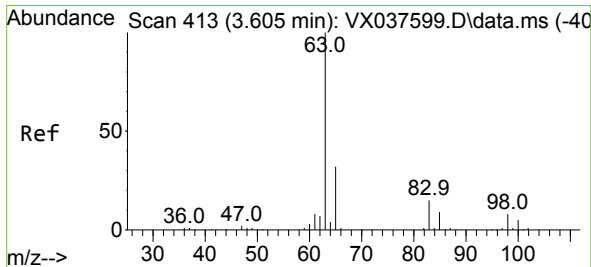
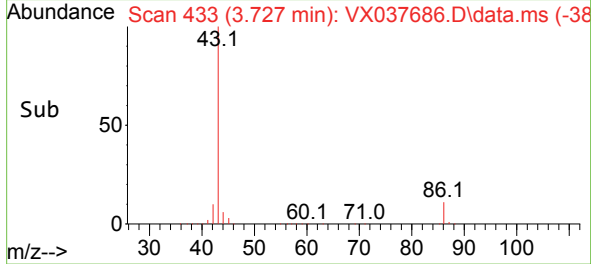
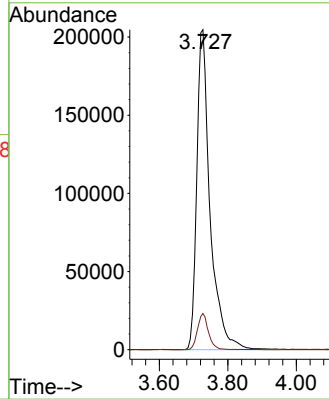
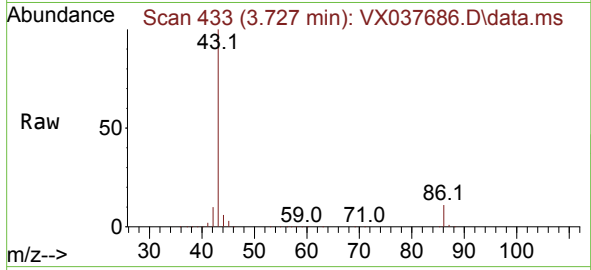




#23  
 Vinyl Acetate  
 Concen: 94.233 ug/l  
 RT: 3.727 min Scan# 413  
 Delta R.T. 0.006 min  
 Lab File: VX037686.D  
 Acq: 13 Sep 2023 11:36

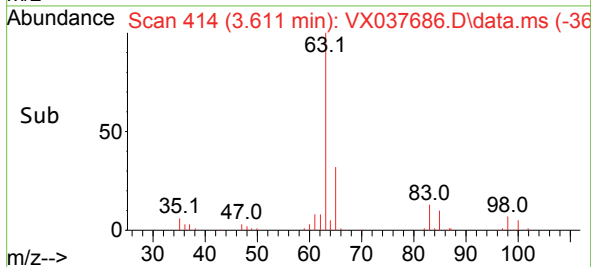
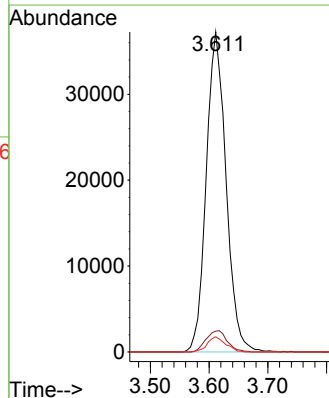
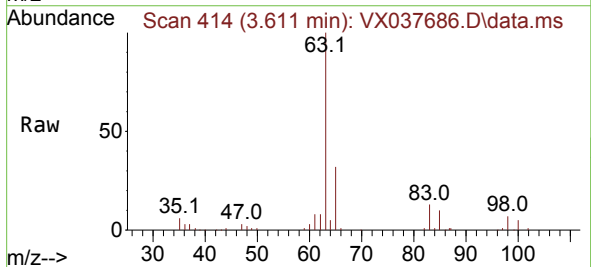
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 43 Resp: 553482  
 Ion Ratio Lower Upper  
 43 100  
 86 11.3 7.8 11.8

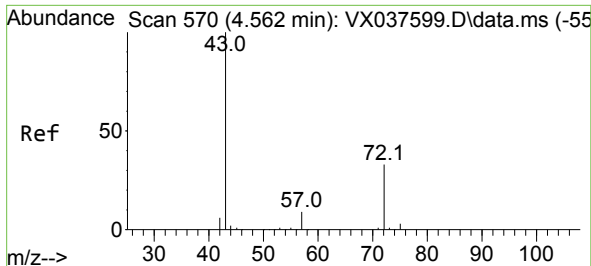


#24  
 1,1-Dichloroethane  
 Concen: 18.618 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.006 min  
 Lab File: VX037686.D  
 Acq: 13 Sep 2023 11:36

Tgt Ion: 63 Resp: 87365  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.3 9.8  
 100 4.8 2.1 6.5



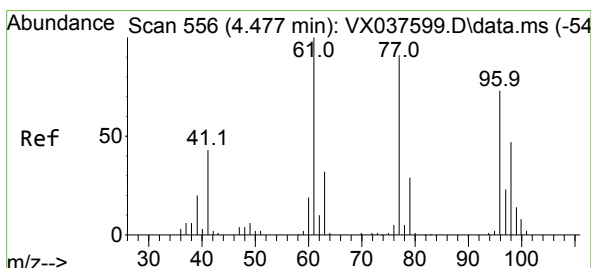
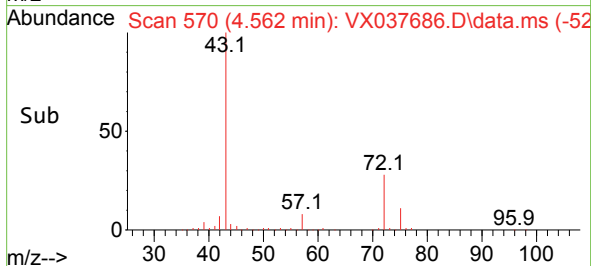
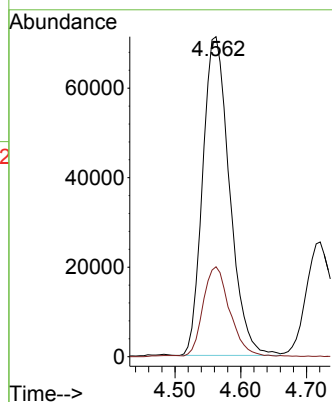
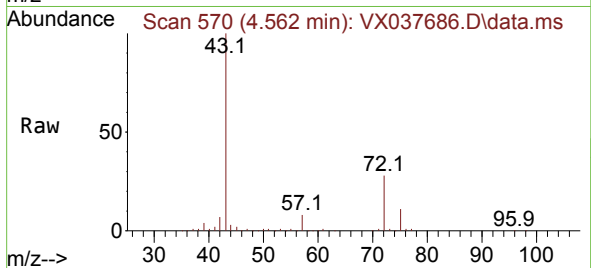




#25  
2-Butanone  
Concen: 92.632 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

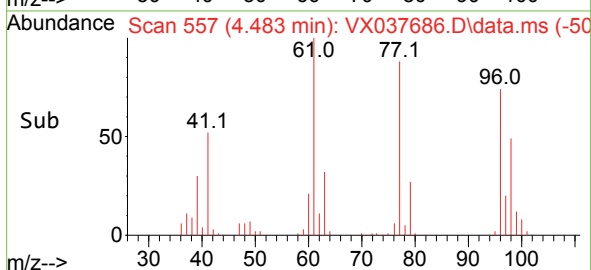
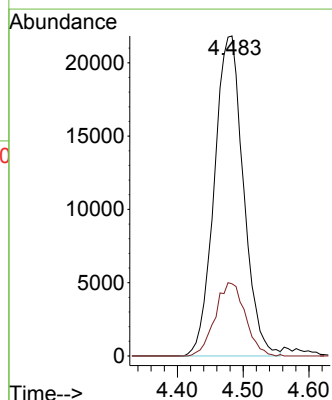
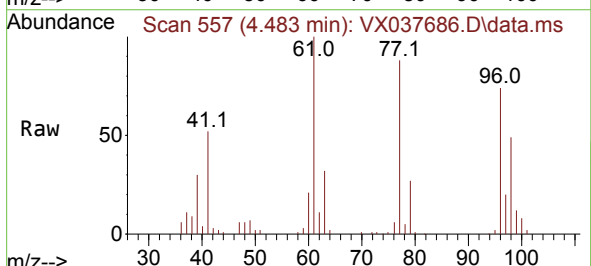
Instrument :  
MSVOA\_X  
ClientSampleId :

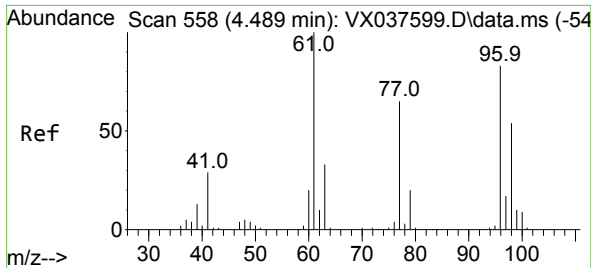
Tgt Ion: 43 Resp: 202615  
Ion Ratio Lower Upper  
43 100  
72 27.9 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 20.645 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. 0.006 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

Tgt Ion: 77 Resp: 67388  
Ion Ratio Lower Upper  
77 100  
97 23.6 10.8 32.3

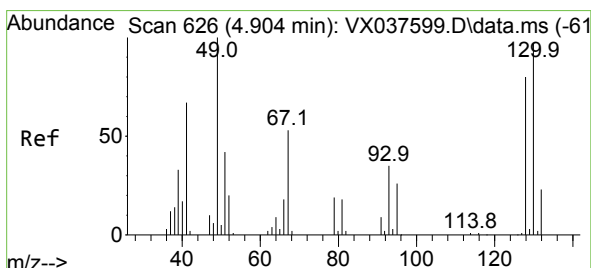
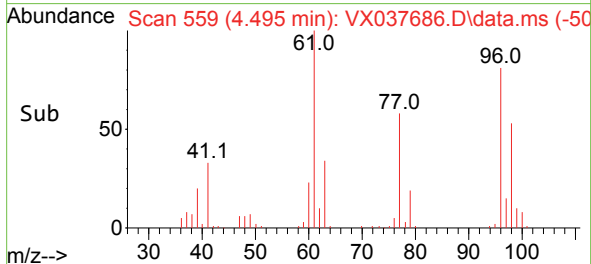
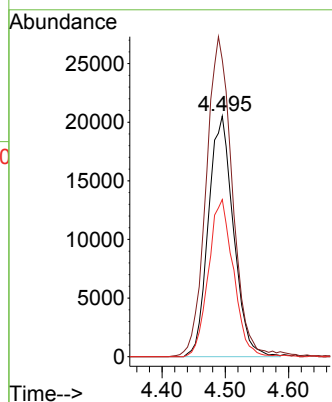
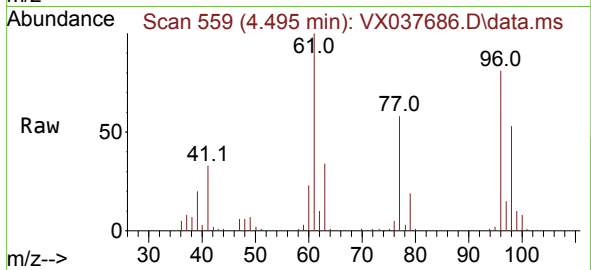




#27  
 cis-1,2-Dichloroethene  
 Concen: 19.091 ug/l  
 RT: 4.495 min Scan# 558  
 Delta R.T. 0.006 min  
 Lab File: VX037686.D  
 Acq: 13 Sep 2023 11:36

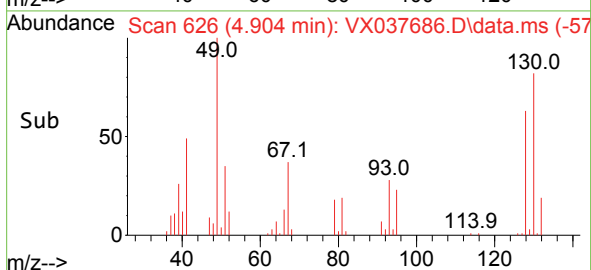
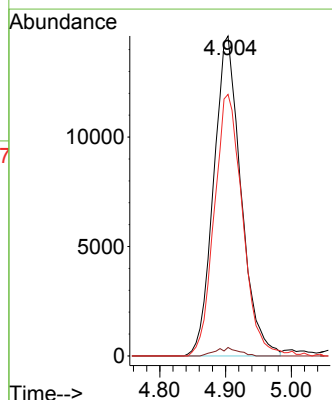
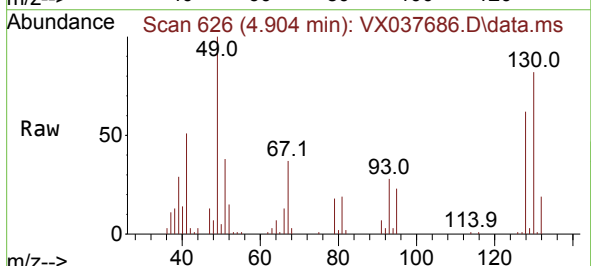
Instrument :  
 MSVOA\_X  
 ClientSampleId :

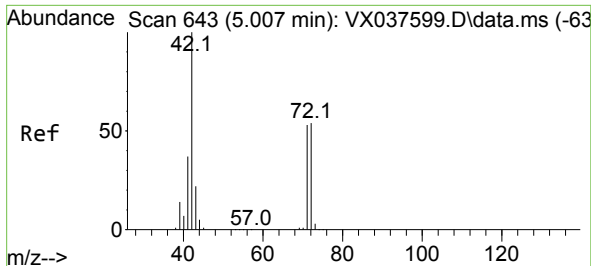
Tgt Ion: 96 Resp: 56514  
 Ion Ratio Lower Upper  
 96 100  
 61 139.3 0.0 312.2  
 98 64.7 0.0 129.0



#28  
 Bromochloromethane  
 Concen: 17.843 ug/l  
 RT: 4.904 min Scan# 626  
 Delta R.T. 0.000 min  
 Lab File: VX037686.D  
 Acq: 13 Sep 2023 11:36

Tgt Ion: 49 Resp: 42300  
 Ion Ratio Lower Upper  
 49 100  
 129 2.2 0.0 3.8  
 130 85.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 92.510 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA\_X

ClientSampleId :

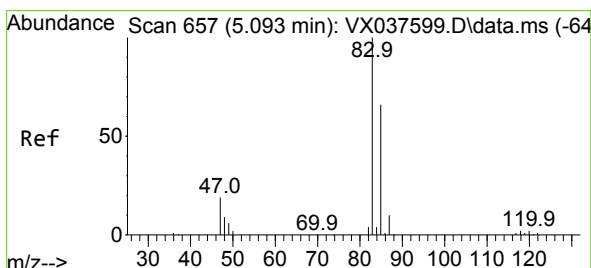
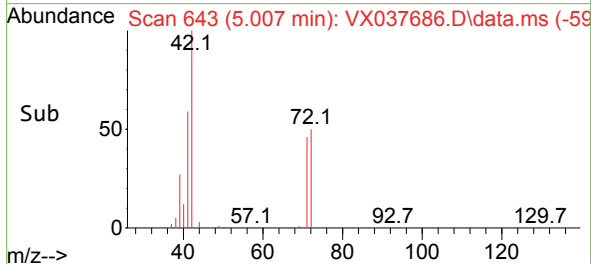
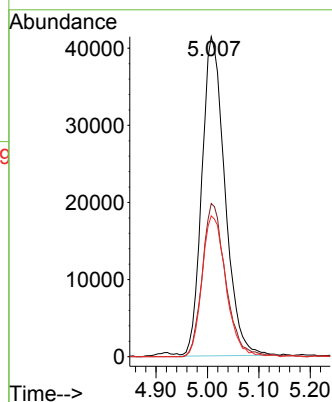
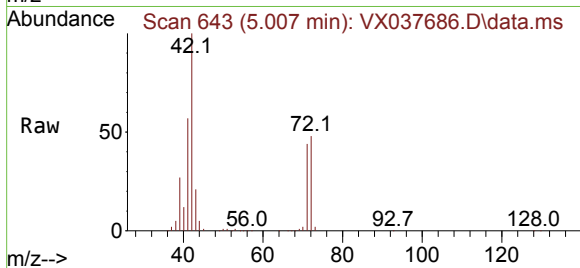
Tgt Ion: 42 Resp: 128857

Ion Ratio Lower Upper

42 100

72 49.0 34.2 51.4

71 45.5 32.2 48.2



#30

Chloroform

Concen: 18.803 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX037686.D

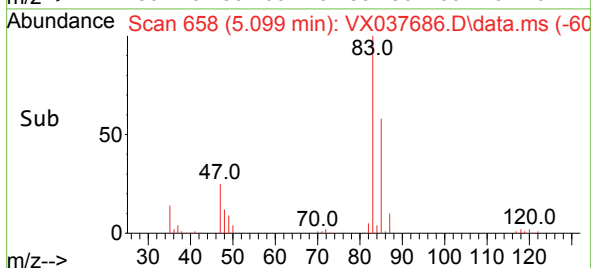
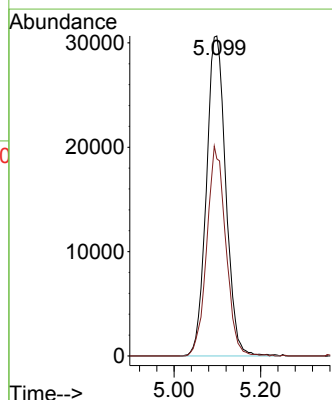
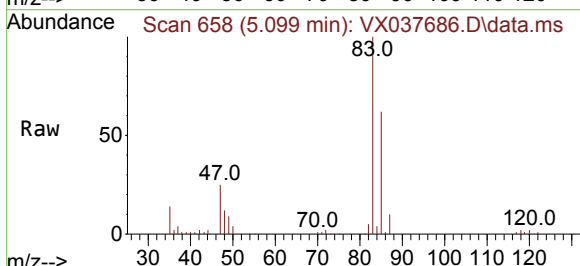
Acq: 13 Sep 2023 11:36

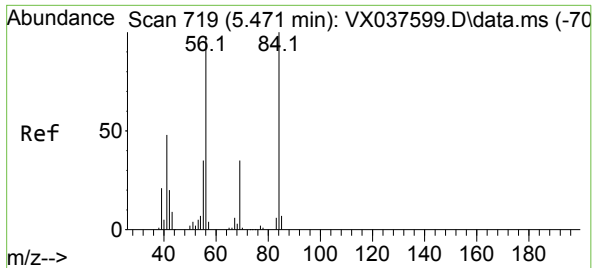
Tgt Ion: 83 Resp: 95287

Ion Ratio Lower Upper

83 100

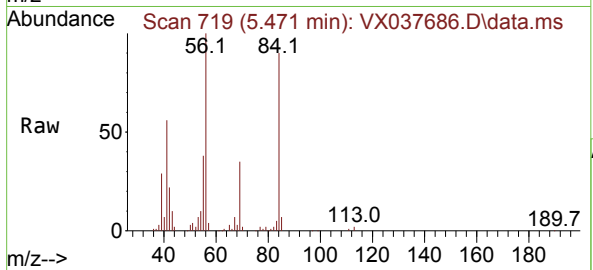
85 61.6 50.3 75.5



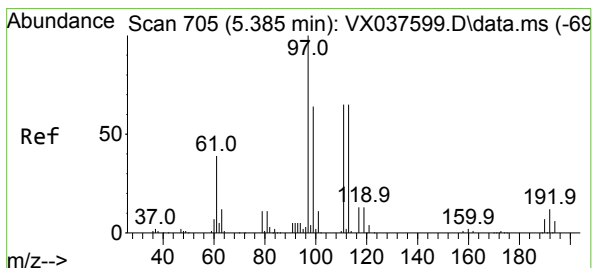
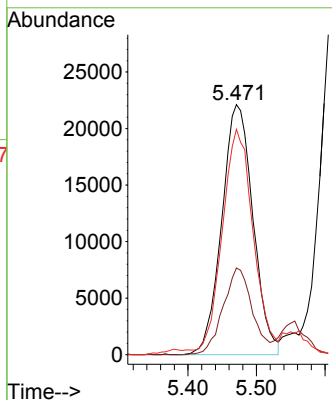
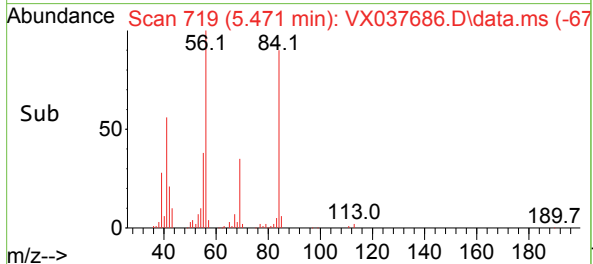


#31  
Cyclohexane  
Concen: 18.336 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

Instrument :  
MSVOA\_X  
ClientSampleId :

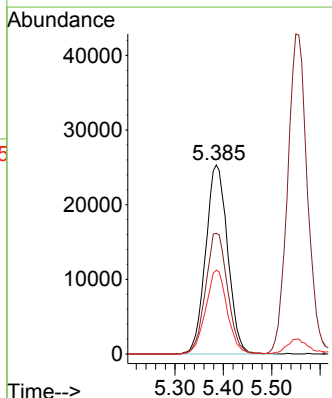
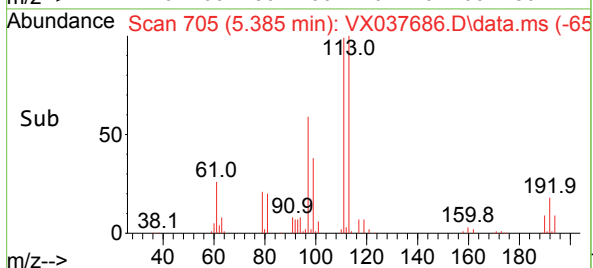
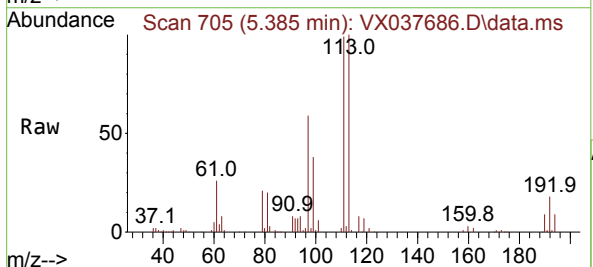


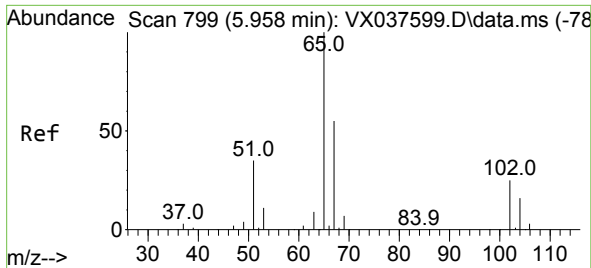
Tgt Ion: 56 Resp: 70059  
Ion Ratio Lower Upper  
56 100  
69 34.7 23.4 35.2  
84 88.2 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 18.933 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

Tgt Ion: 97 Resp: 79854  
Ion Ratio Lower Upper  
97 100  
99 63.9 51.1 76.7  
61 43.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.810 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA\_X

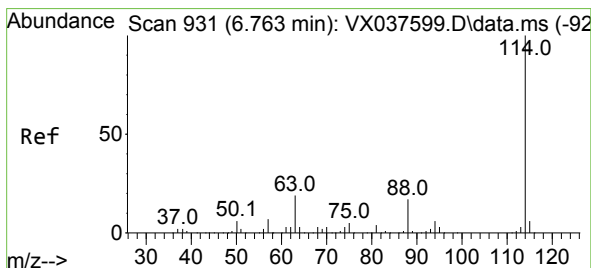
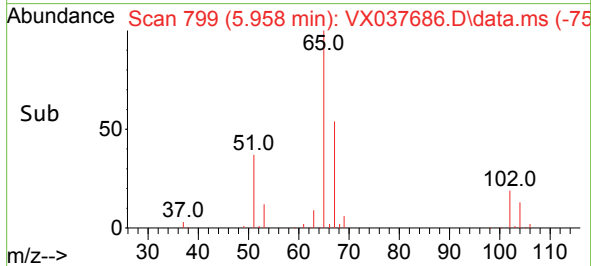
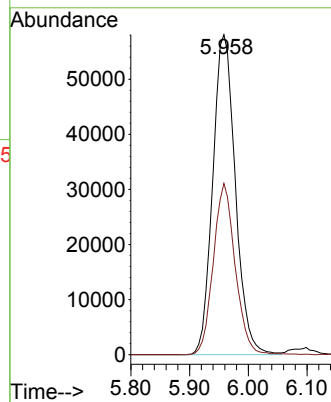
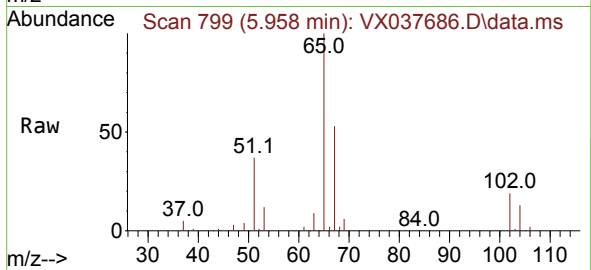
ClientSampleId :

Tgt Ion: 65 Resp: 155321

Ion Ratio Lower Upper

65 100

67 51.8 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: VX037686.D

Acq: 13 Sep 2023 11:36

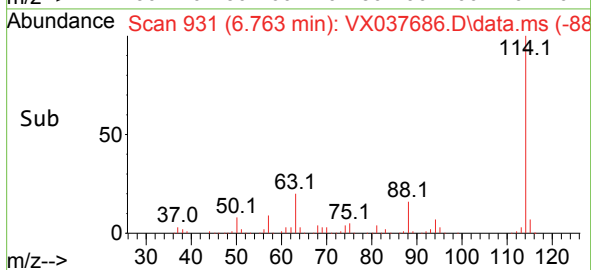
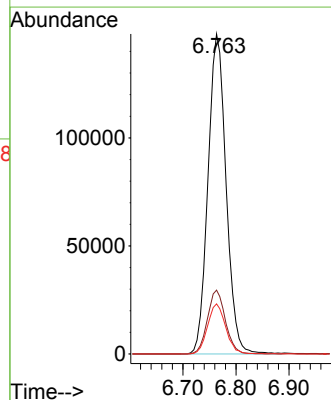
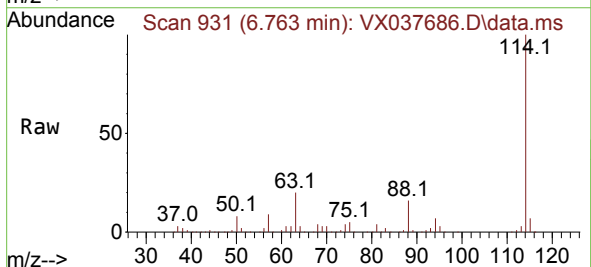
Tgt Ion: 114 Resp: 351519

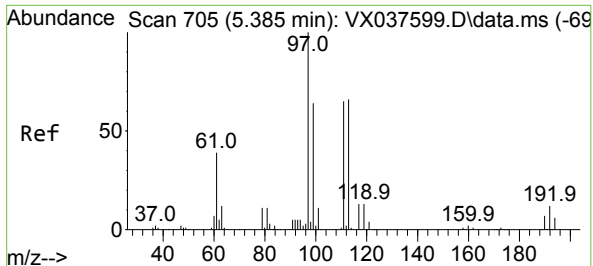
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

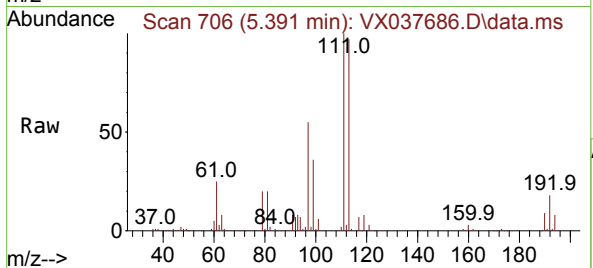
88 15.6 0.0 36.6



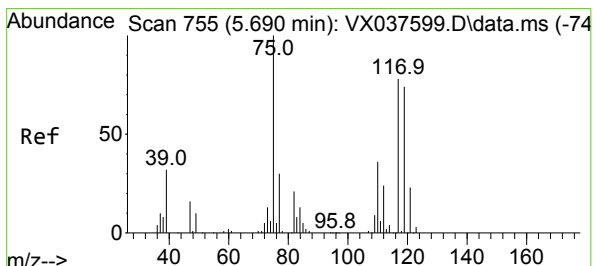
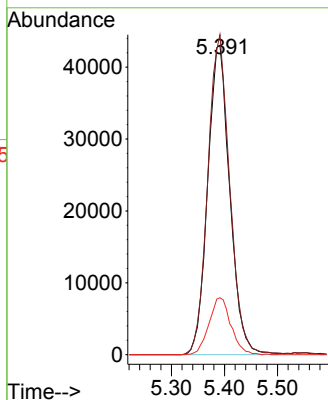
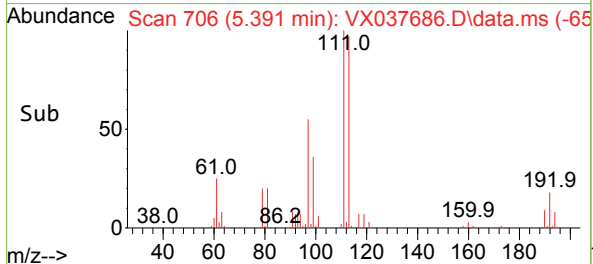


#35  
Dibromofluoromethane  
Concen: 50.003 ug/l  
RT: 5.391 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

Instrument :  
MSVOA\_X  
ClientSampleId :

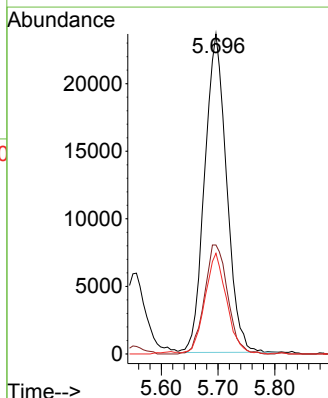
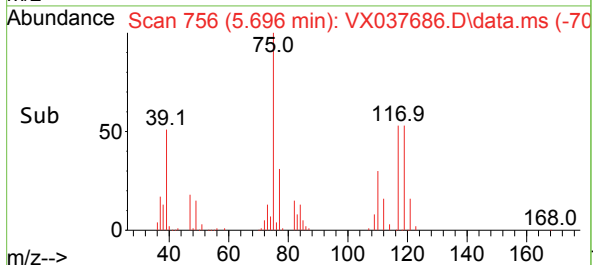
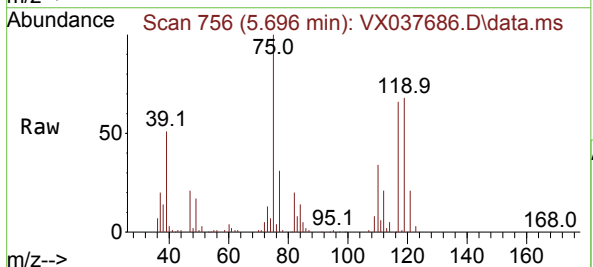


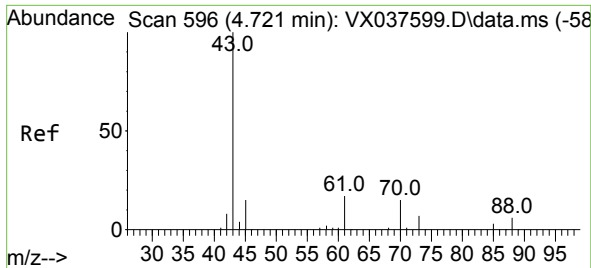
Tgt Ion:113 Resp: 124587  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.9 124.3  
192 18.3 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 18.710 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.006 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

Tgt Ion: 75 Resp: 63419  
Ion Ratio Lower Upper  
75 100  
110 36.4 17.0 50.9  
77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 18.957 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

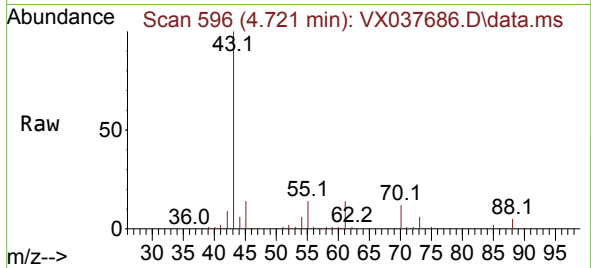
Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA\_X

ClientSampleId :



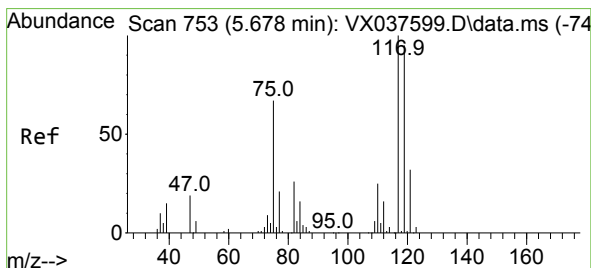
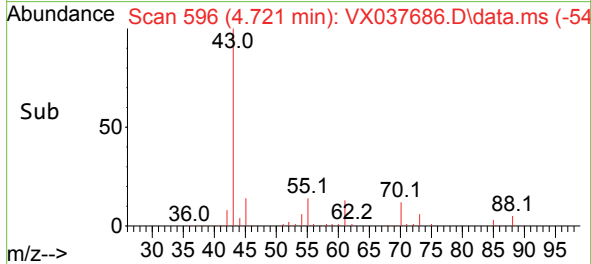
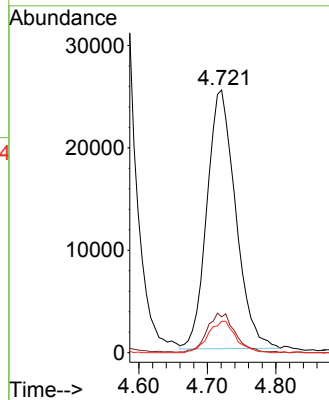
Tgt Ion: 43 Resp: 73523

Ion Ratio Lower Upper

43 100

61 15.0 10.6 16.0

70 11.7 8.3 12.5



#38

Carbon Tetrachloride

Concen: 19.251 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

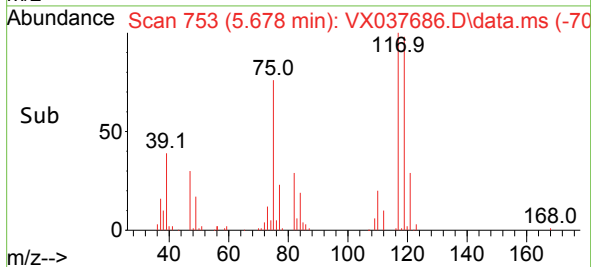
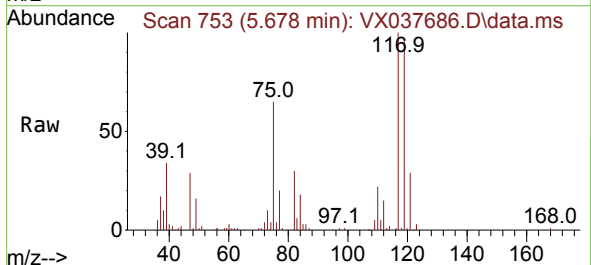
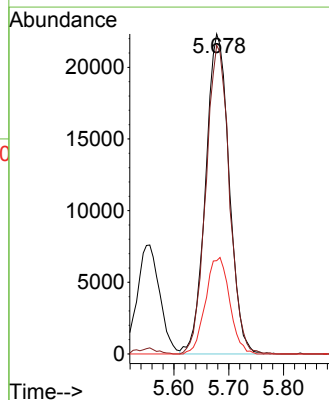
Tgt Ion: 117 Resp: 66660

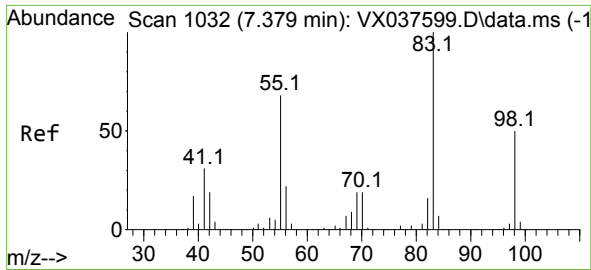
Ion Ratio Lower Upper

117 100

119 96.5 78.2 117.2

121 29.2 24.4 36.6





#39

Methylcyclohexane

Concen: 19.497 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA\_X

ClientSampleId :

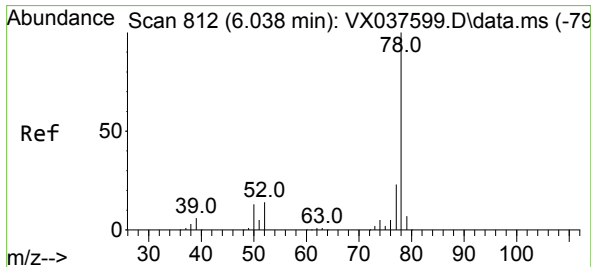
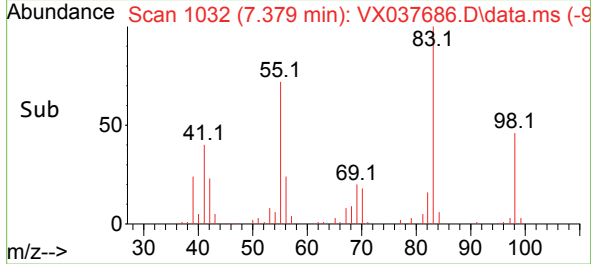
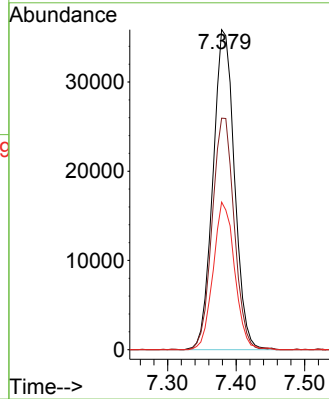
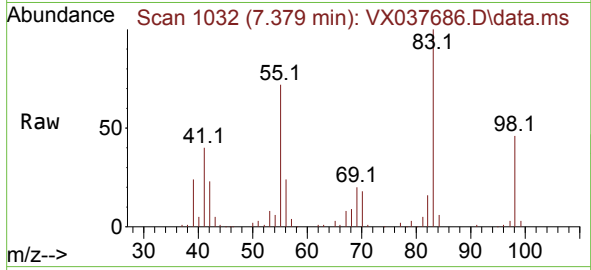
Tgt Ion: 83 Resp: 78199

Ion Ratio Lower Upper

83 100

55 72.4 64.6 97.0

98 46.1 36.7 55.1



#40

Benzene

Concen: 19.351 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX037686.D

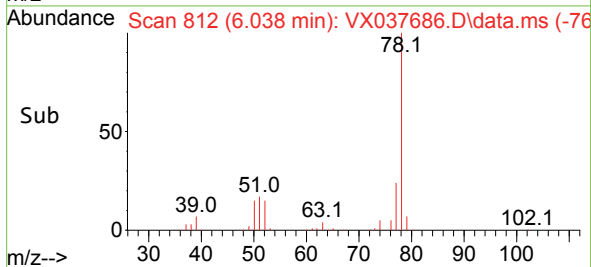
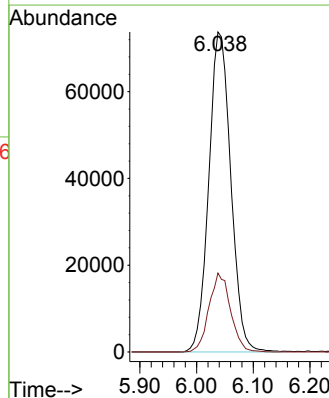
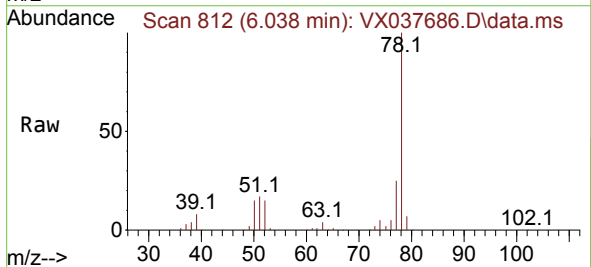
Acq: 13 Sep 2023 11:36

Tgt Ion: 78 Resp: 198845

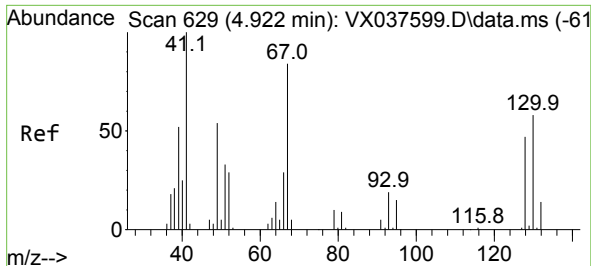
Ion Ratio Lower Upper

78 100

77 24.7 19.3 28.9

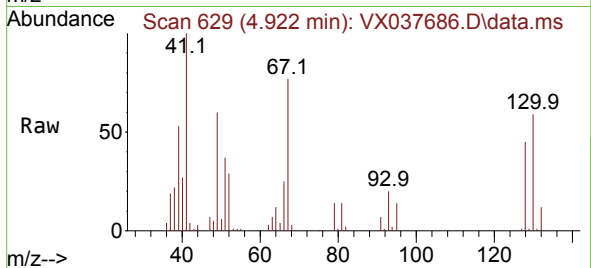




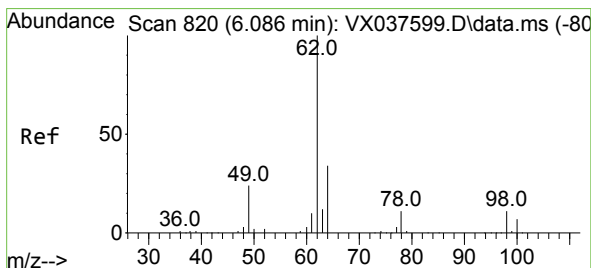
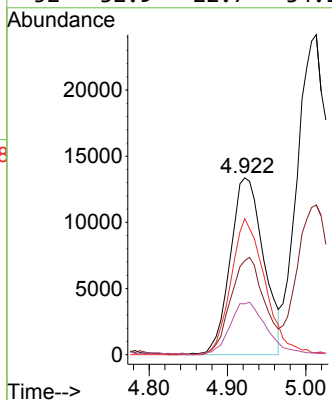
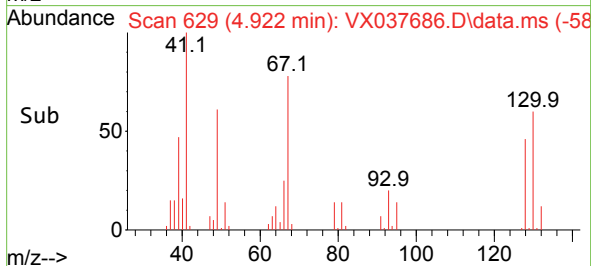


#41  
Methacrylonitrile  
Concen: 19.412 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

Instrument :  
MSVOA\_X  
ClientSampleId :

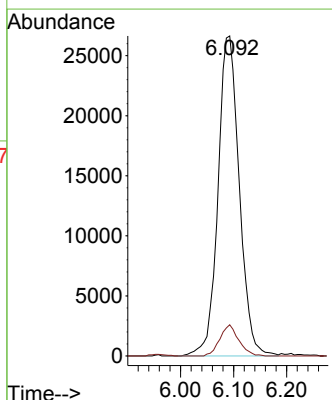
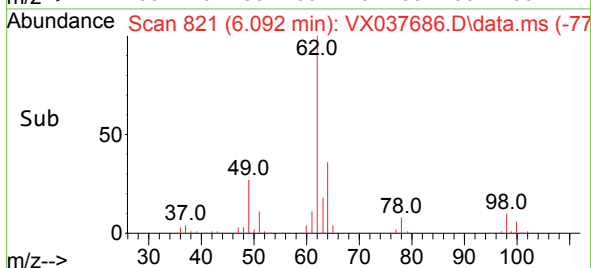
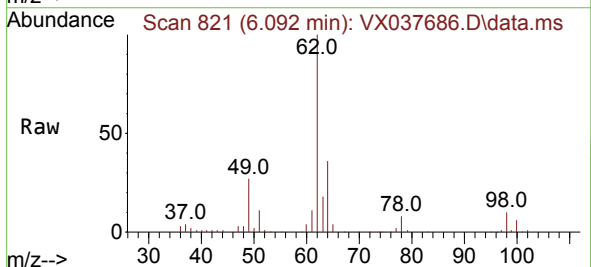


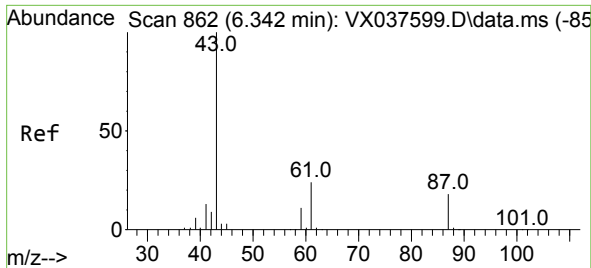
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 39655 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.4  | 45.2  | 67.8  |
| 67       | 78.8  | 52.6  | 78.8  |
| 52       | 32.9  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 18.511 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.006 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 74342 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.6   | 0.0   | 16.0  |





#43

Isopropyl Acetate

Concen: 19.246 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA\_X

ClientSampleId :

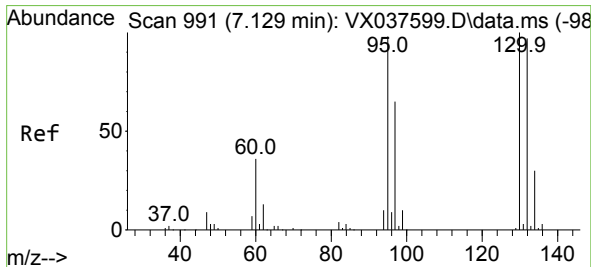
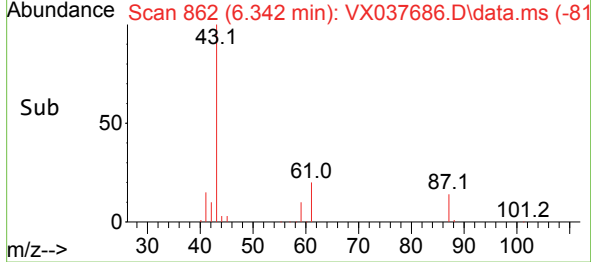
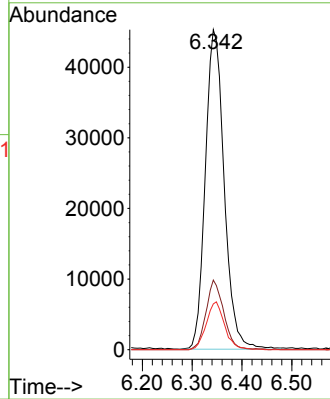
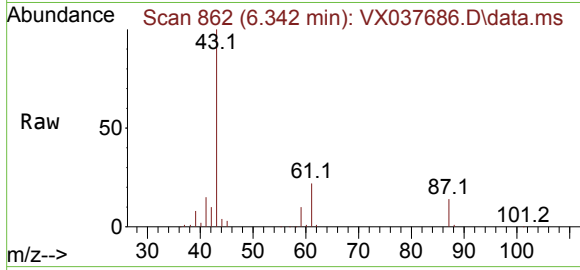
Tgt Ion: 43 Resp: 119079

Ion Ratio Lower Upper

43 100

61 20.3 15.2 22.8

87 14.5 9.8 14.6



#44

Trichloroethene

Concen: 19.684 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX037686.D

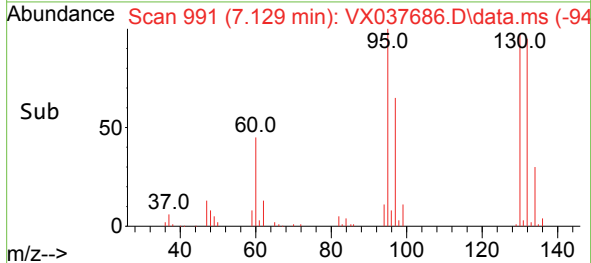
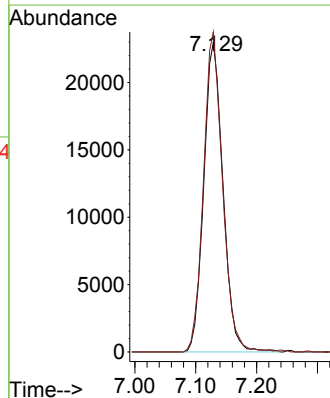
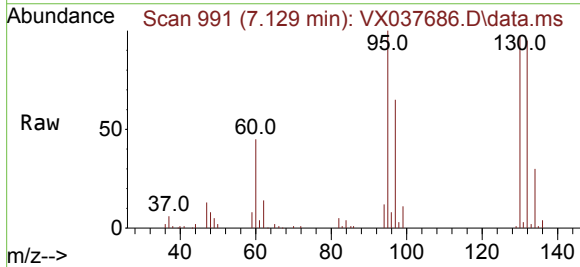
Acq: 13 Sep 2023 11:36

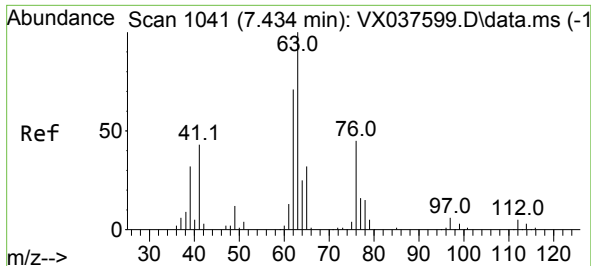
Tgt Ion:130 Resp: 50534

Ion Ratio Lower Upper

130 100

95 103.5 0.0 204.4

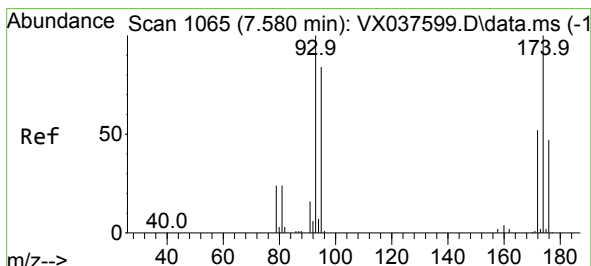
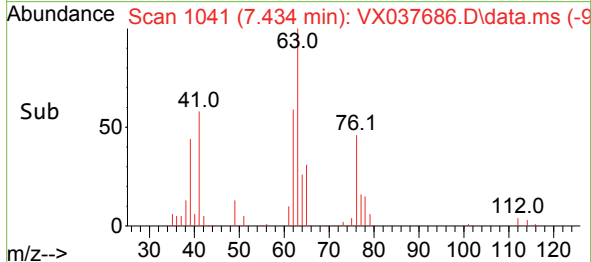
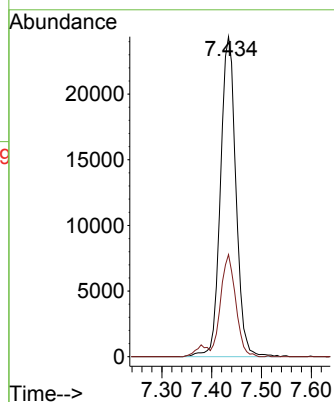
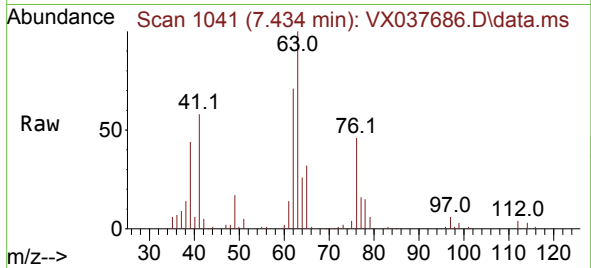




#45  
1,2-Dichloropropane  
Concen: 19.374 ug/l  
RT: 7.434 min Scan# 1041  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

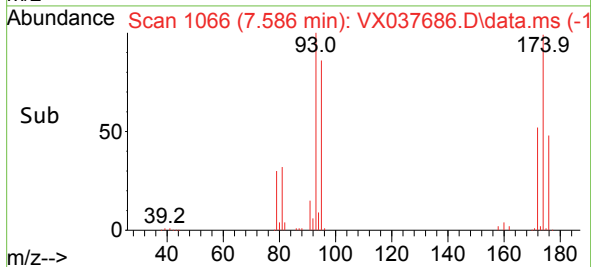
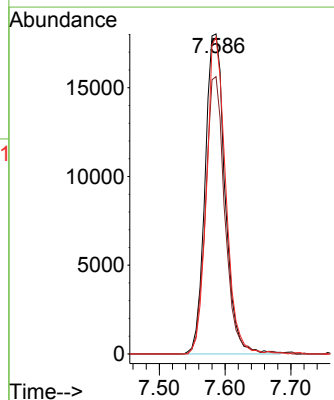
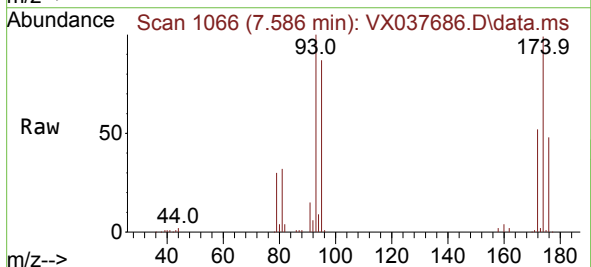
Instrument :  
MSVOA\_X  
ClientSampleId :

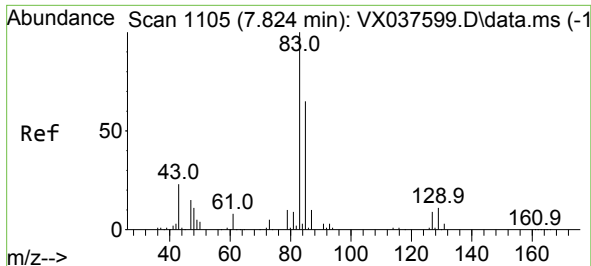
Tgt Ion: 63 Resp: 52538  
Ion Ratio Lower Upper  
63 100  
65 31.9 24.3 36.5



#46  
Dibromomethane  
Concen: 19.257 ug/l  
RT: 7.586 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

Tgt Ion: 93 Resp: 37990  
Ion Ratio Lower Upper  
93 100  
95 83.9 66.6 100.0  
174 95.3 69.4 104.0

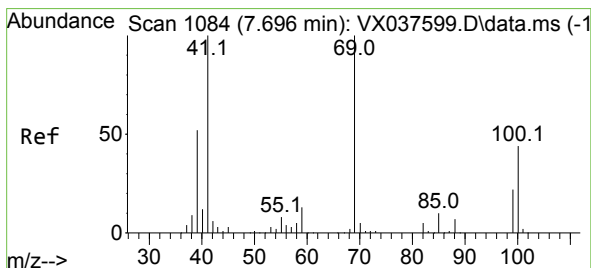
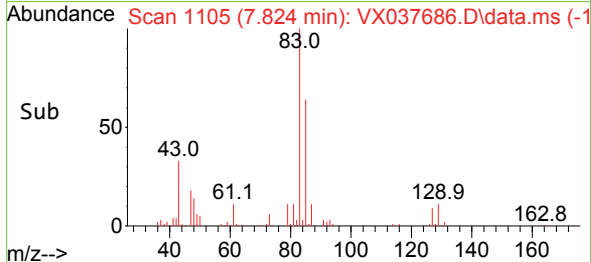
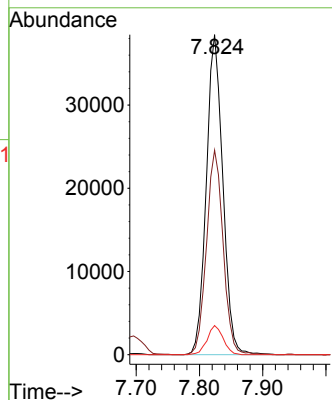
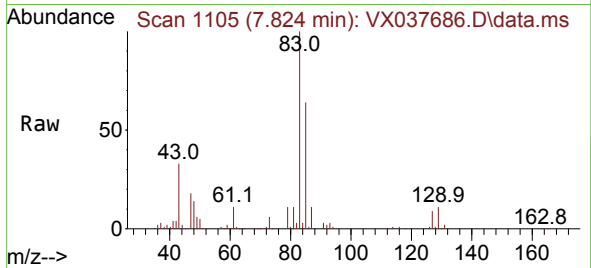




#47  
Bromodichloromethane  
Concen: 19.589 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

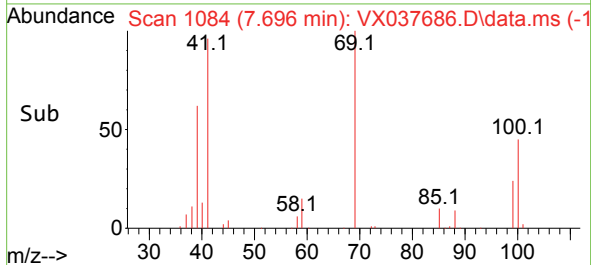
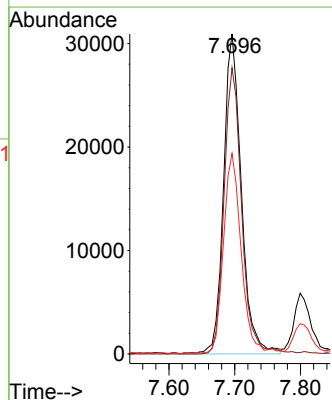
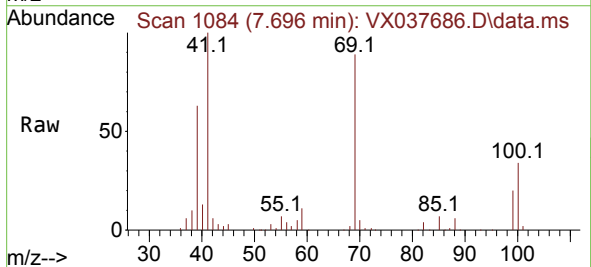
Instrument :  
MSVOA\_X  
ClientSampleId :

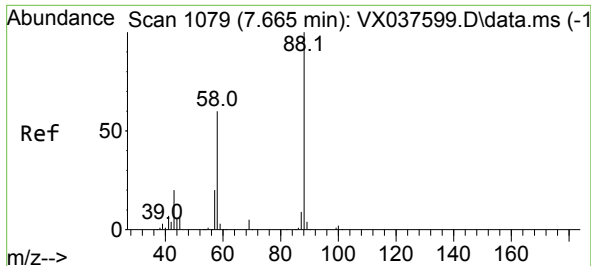
Tgt Ion: 83 Resp: 69767  
Ion Ratio Lower Upper  
83 100  
85 63.9 49.8 74.6  
127 9.1 7.1 10.7



#48  
Methyl methacrylate  
Concen: 19.441 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

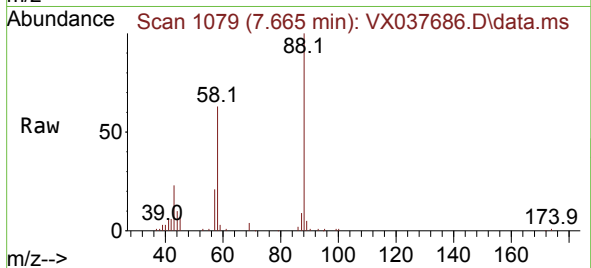
Tgt Ion: 41 Resp: 58147  
Ion Ratio Lower Upper  
41 100  
69 88.7 59.2 88.8  
39 63.4 47.7 71.5



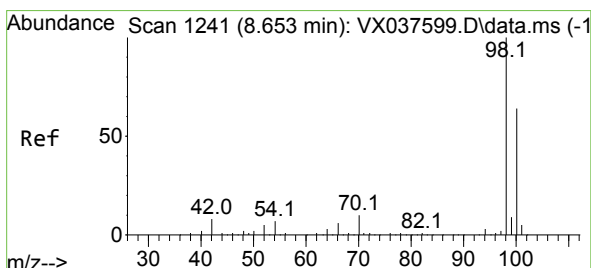
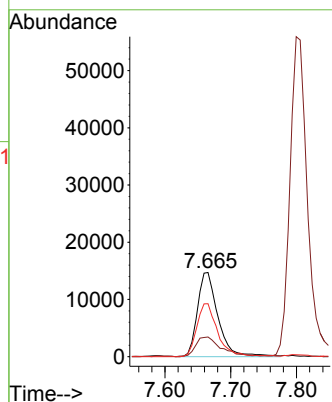
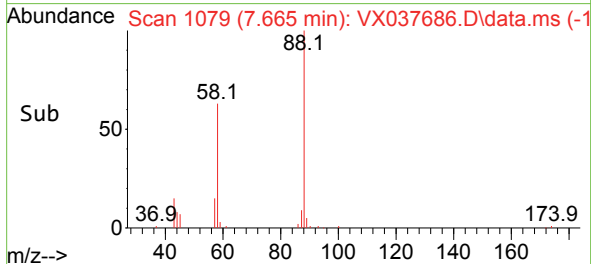


#49  
1,4-Dioxane  
Concen: 431.145 ug/l  
RT: 7.665 min Scan# 1079  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

Instrument :  
MSVOA\_X  
ClientSampleId :

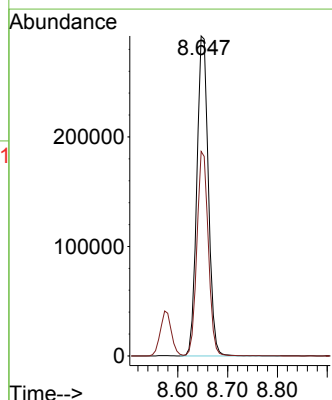
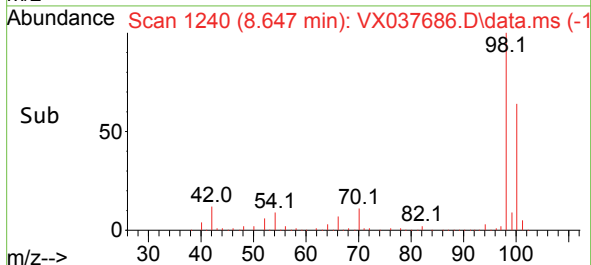
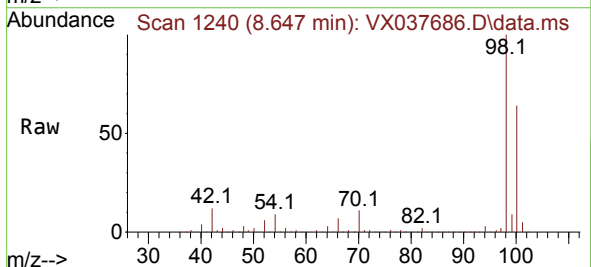


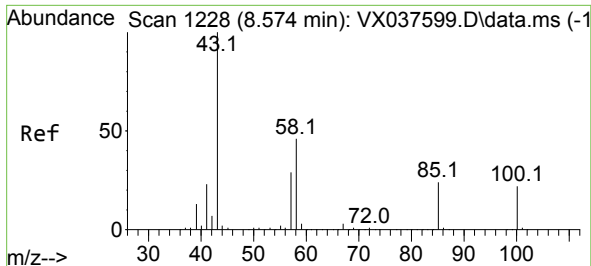
Tgt Ion: 88 Resp: 31949  
Ion Ratio Lower Upper  
88 100  
43 29.7 0.0 0.0#  
58 64.3 60.1 90.1



#50  
Toluene-d8  
Concen: 49.842 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.006 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

Tgt Ion: 98 Resp: 468357  
Ion Ratio Lower Upper  
98 100  
100 63.1 53.1 79.7

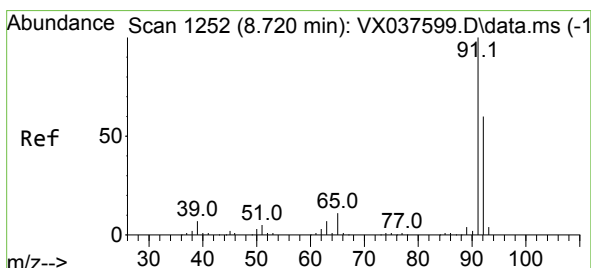
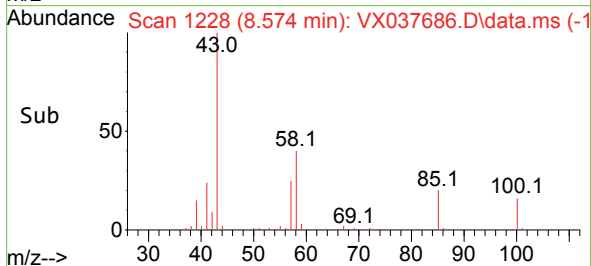
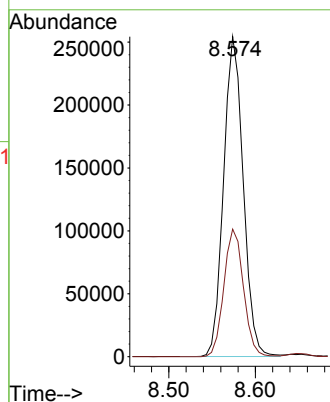
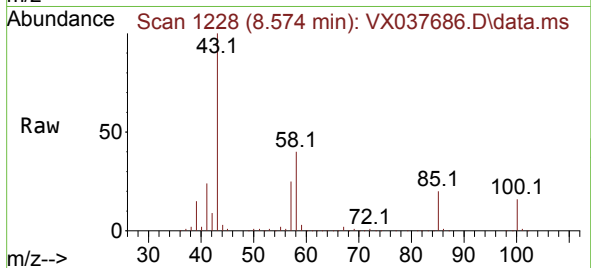




#51  
4-Methyl-2-Pentanone  
Concen: 98.636 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

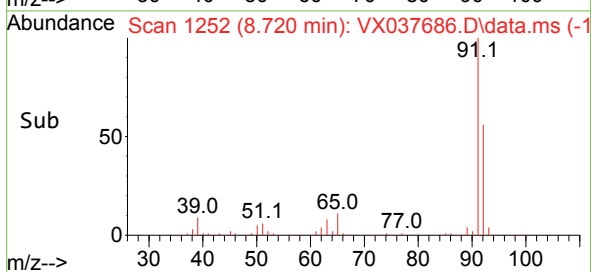
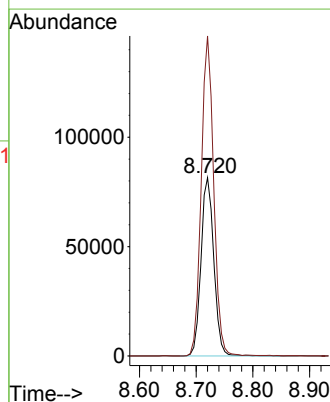
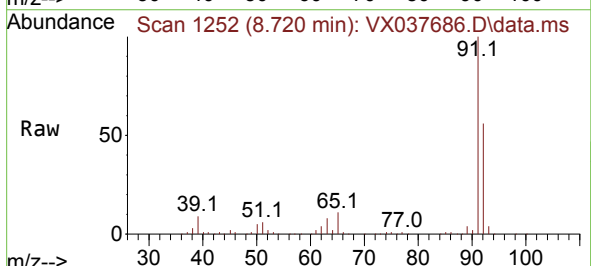
Instrument :  
MSVOA\_X  
ClientSampleId :

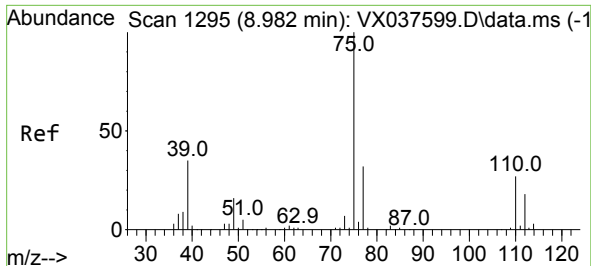
Tgt Ion: 43 Resp: 400741  
Ion Ratio Lower Upper  
43 100  
58 39.9 30.4 45.6



#52  
Toluene  
Concen: 19.332 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

Tgt Ion: 92 Resp: 127724  
Ion Ratio Lower Upper  
92 100  
91 175.0 134.2 201.2

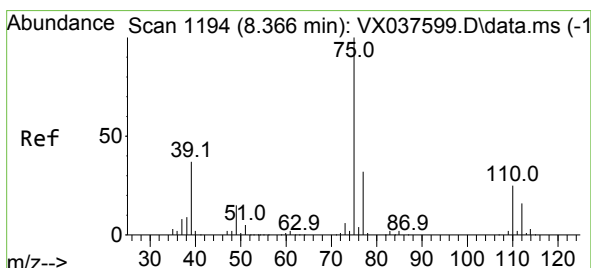
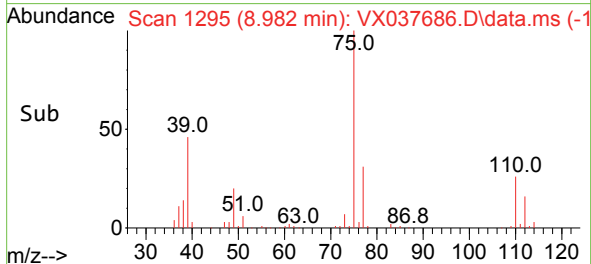
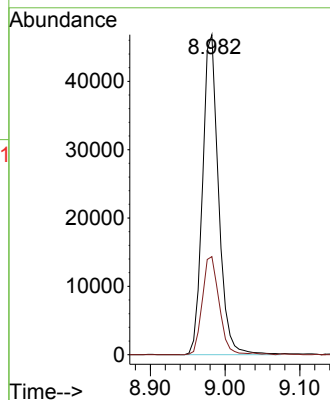
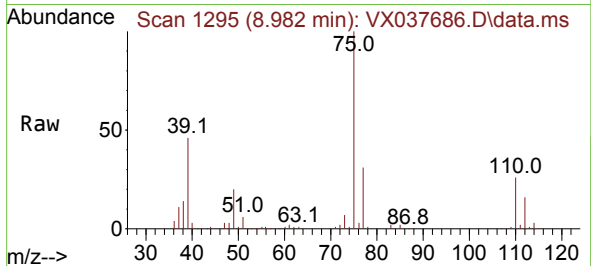




#53  
 t-1,3-Dichloropropene  
 Concen: 19.236 ug/l  
 RT: 8.982 min Scan# 1295  
 Delta R.T. 0.000 min  
 Lab File: VX037686.D  
 Acq: 13 Sep 2023 11:36

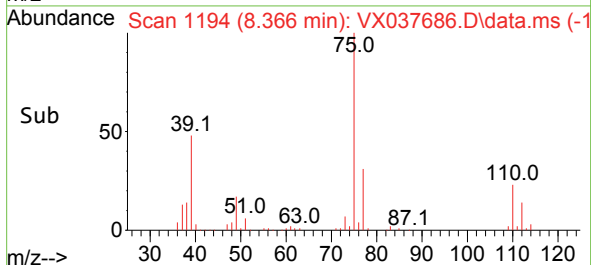
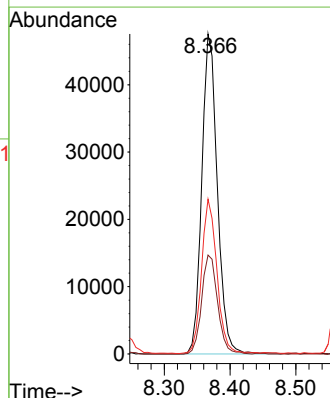
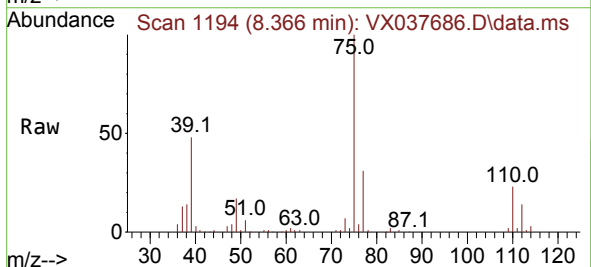
Instrument :  
 MSVOA\_X  
 ClientSampleId :

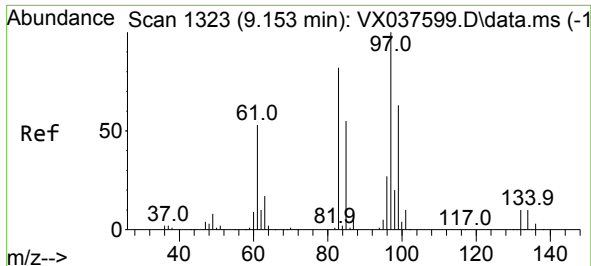
Tgt Ion: 75 Resp: 69456  
 Ion Ratio Lower Upper  
 75 100  
 77 30.6 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.742 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX037686.D  
 Acq: 13 Sep 2023 11:36

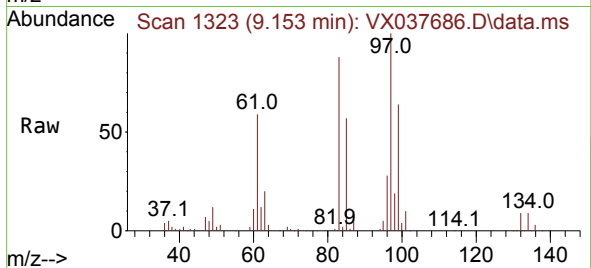
Tgt Ion: 75 Resp: 78220  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 25.3 37.9  
 39 48.2 46.7 70.1



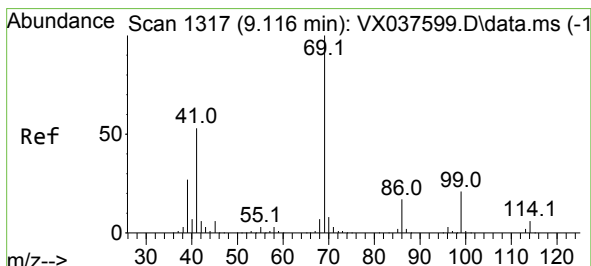
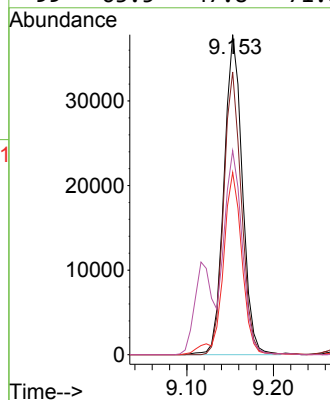
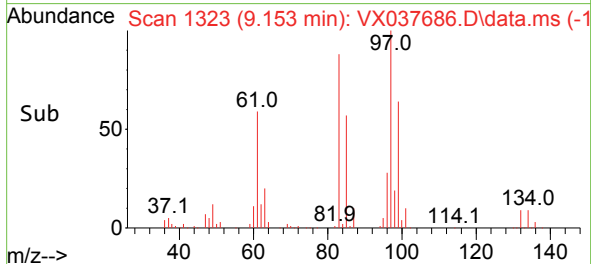


#55  
1,1,2-Trichloroethane  
Concen: 19.983 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

Instrument :  
MSVOA\_X  
ClientSampleId :

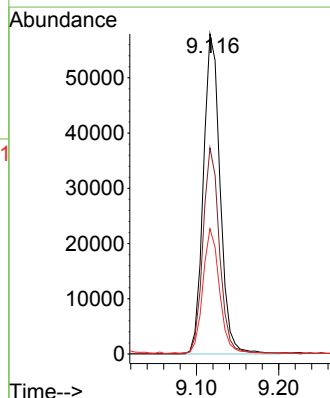
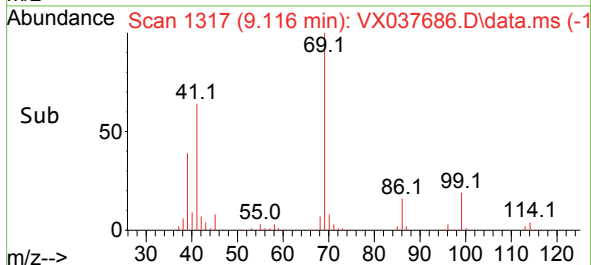
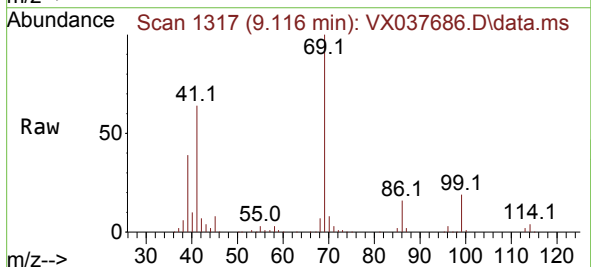


|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 55593 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 88.4     | 65.8 98.8   |
| 85 57.0     | 41.6 62.4   |
| 99 63.5     | 47.8 71.8   |

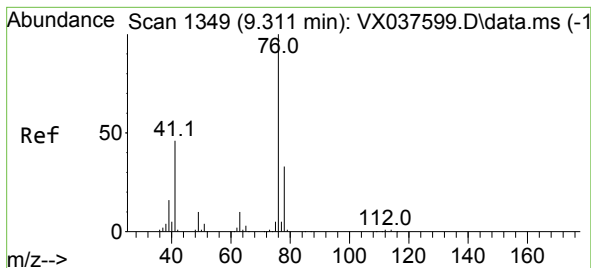


#56  
Ethyl methacrylate  
Concen: 19.282 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 82076 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 64.2     | 56.8 85.2   |
| 39 38.5     | 32.0 48.0   |







#57

1,3-Dichloropropane

Concen: 19.103 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA\_X

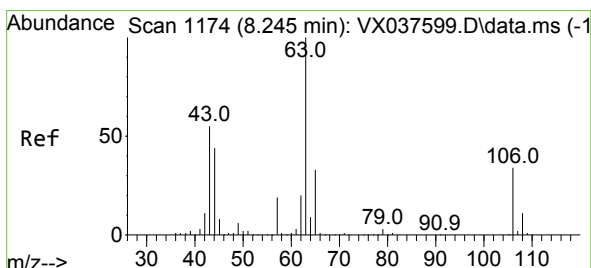
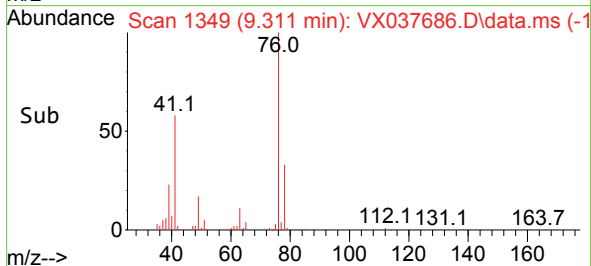
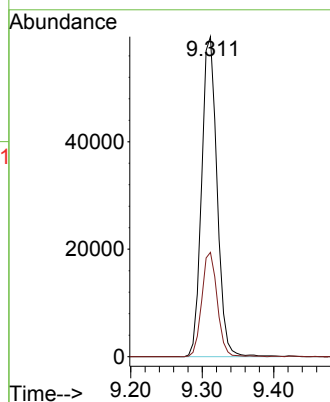
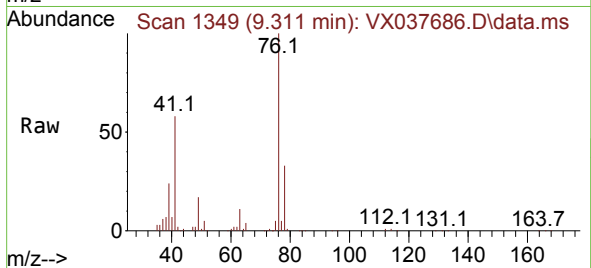
ClientSampleId :

Tgt Ion: 76 Resp: 89145

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 96.849 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX037686.D

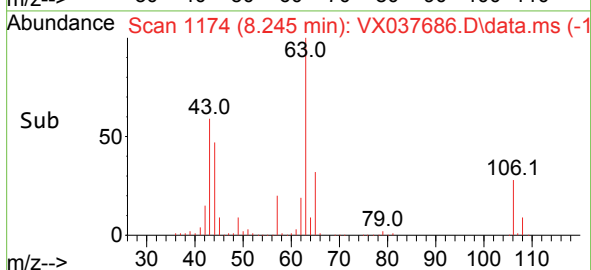
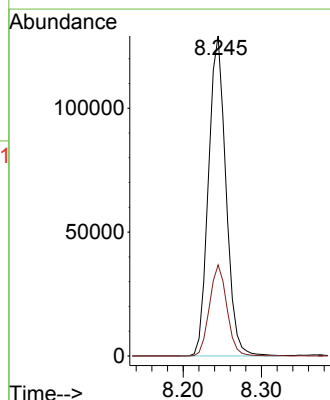
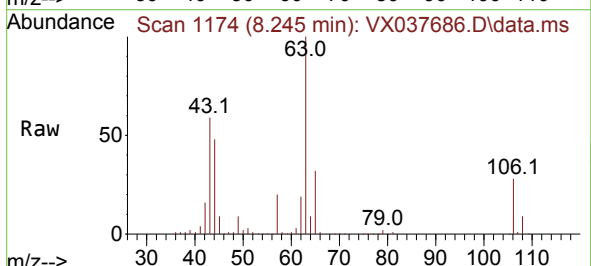
Acq: 13 Sep 2023 11:36

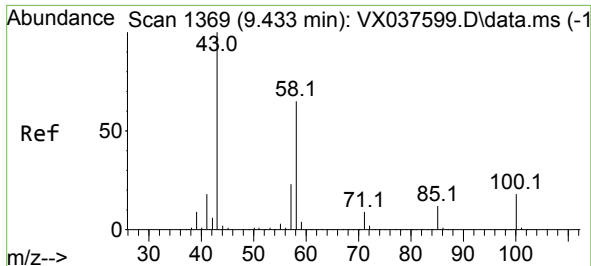
Tgt Ion: 63 Resp: 199885

Ion Ratio Lower Upper

63 100

106 28.3 22.5 33.7





#59

2-Hexanone

Concen: 99.815 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA\_X

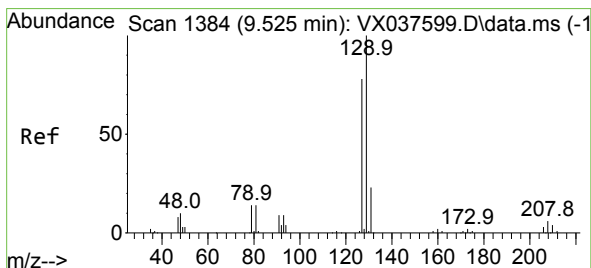
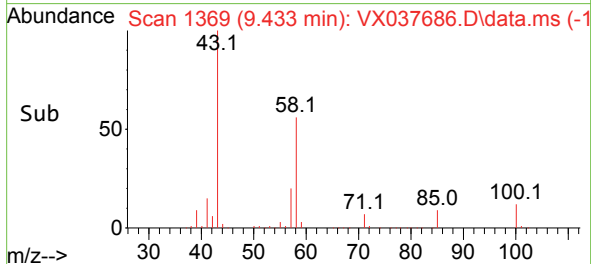
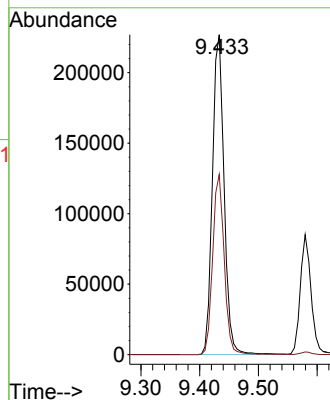
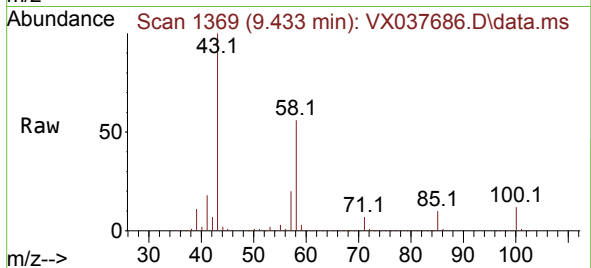
ClientSampleId :

Tgt Ion: 43 Resp: 313029

Ion Ratio Lower Upper

43 100

58 55.9 26.2 78.5



#60

Dibromochloromethane

Concen: 19.239 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX037686.D

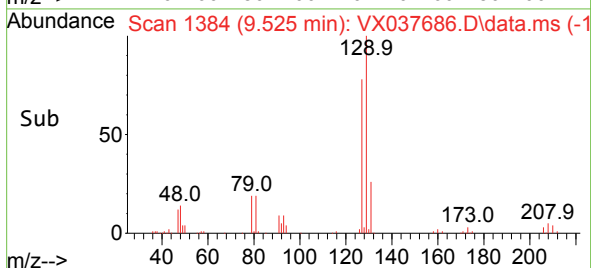
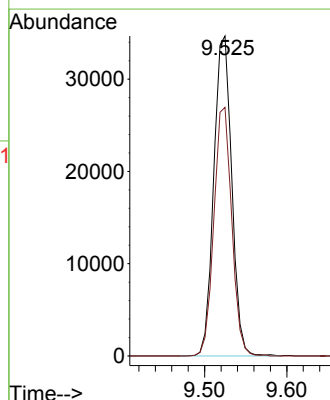
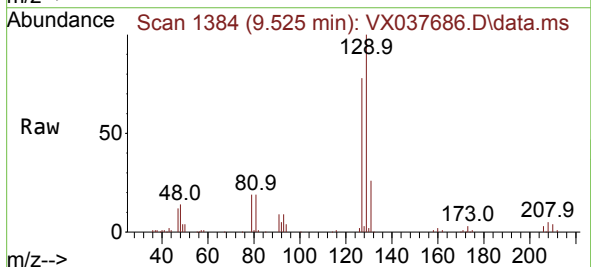
Acq: 13 Sep 2023 11:36

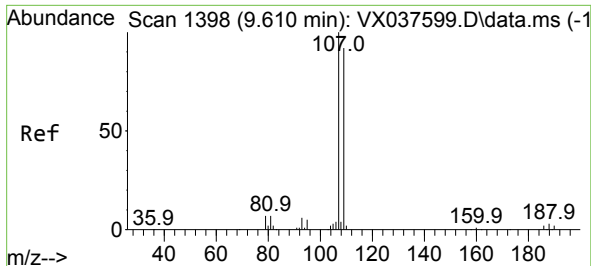
Tgt Ion: 129 Resp: 52572

Ion Ratio Lower Upper

129 100

127 77.3 38.8 116.4

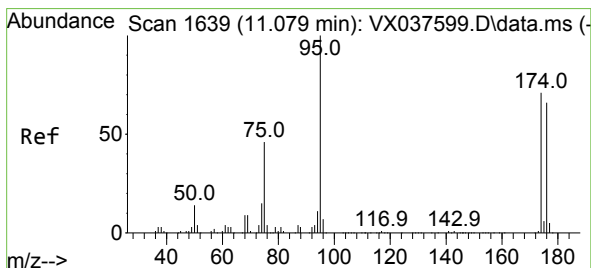
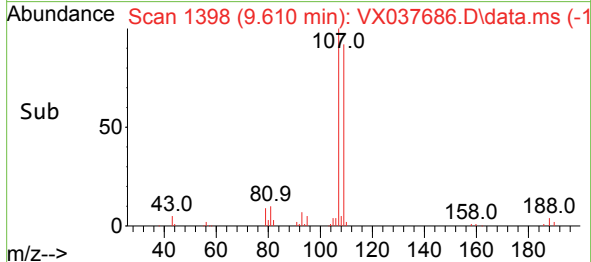
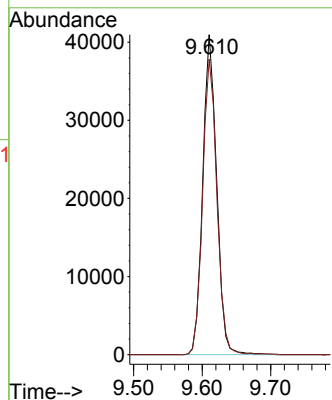
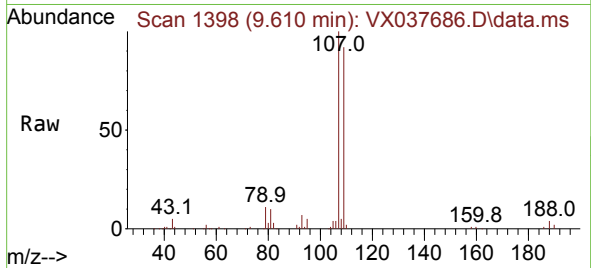




#61  
1,2-Dibromoethane  
Concen: 19.392 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

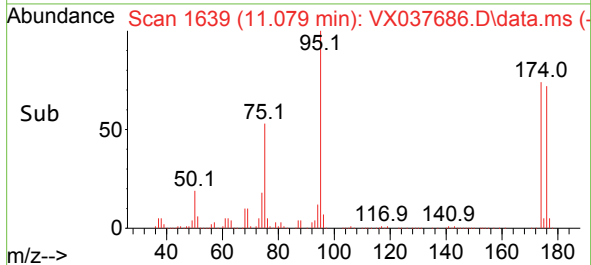
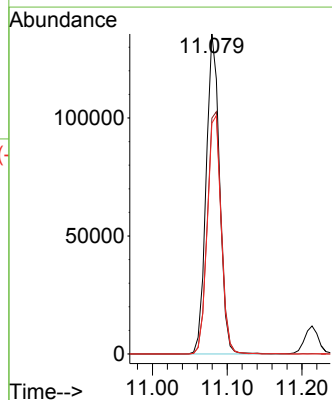
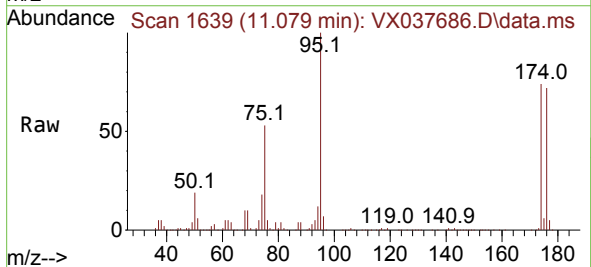
Instrument :  
MSVOA\_X  
ClientSampleId :

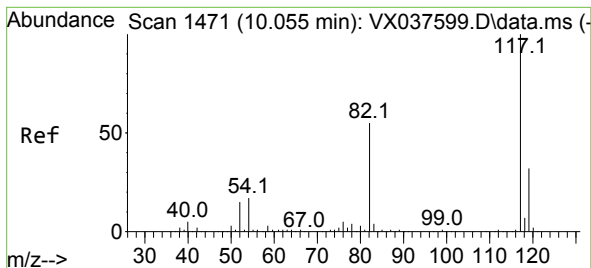
Tgt Ion:107 Resp: 57990  
Ion Ratio Lower Upper  
107 100  
109 94.9 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 49.783 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

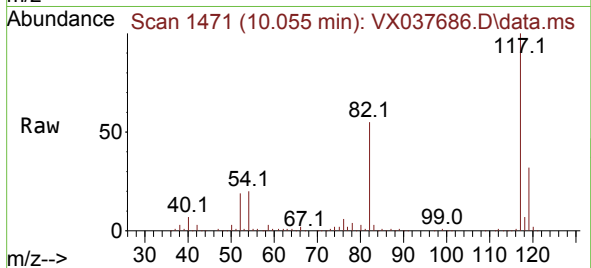
Tgt Ion: 95 Resp: 168774  
Ion Ratio Lower Upper  
95 100  
174 79.1 0.0 135.6  
176 76.9 0.0 131.0



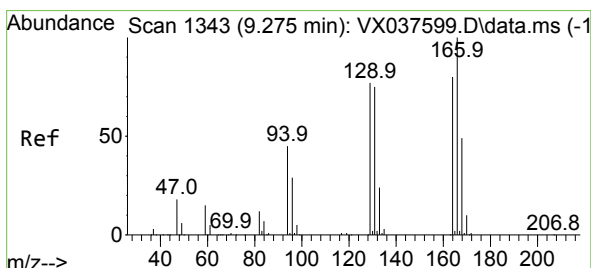
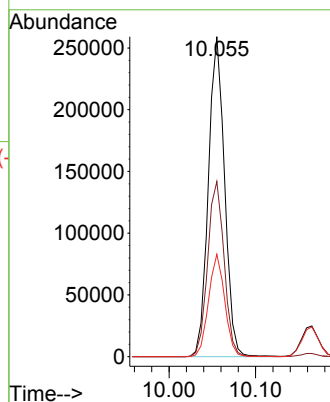
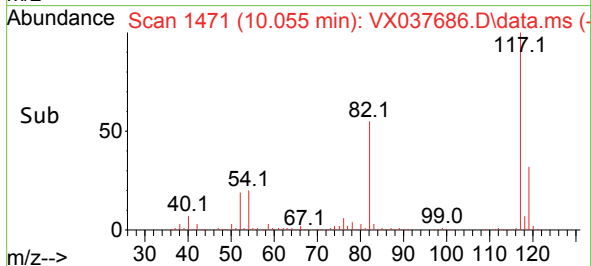


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

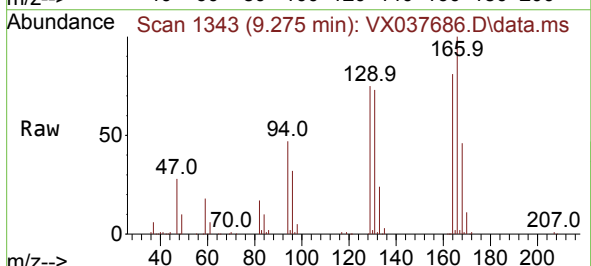
Instrument :  
MSVOA\_X  
ClientSampleId :



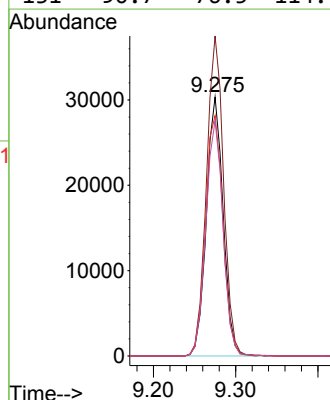
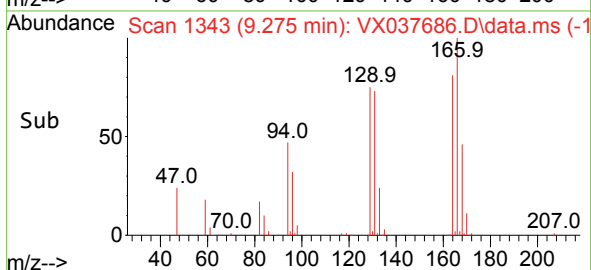
Tgt Ion:117 Resp: 336430  
Ion Ratio Lower Upper  
117 100  
82 54.7 46.2 69.4  
119 32.0 25.5 38.3

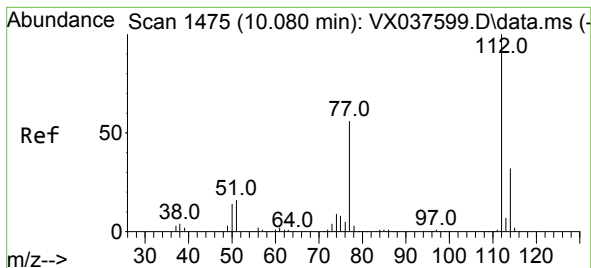


#64  
Tetrachloroethene  
Concen: 19.734 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36



Tgt Ion:164 Resp: 43015  
Ion Ratio Lower Upper  
164 100  
166 123.6 102.7 154.1  
129 92.8 80.4 120.6  
131 90.7 76.5 114.7

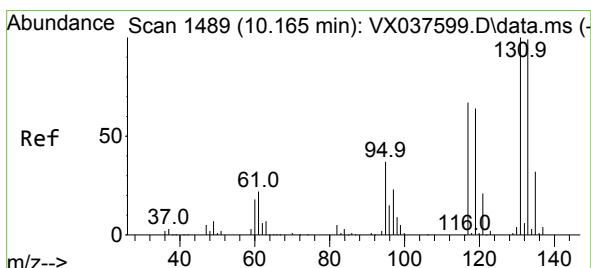
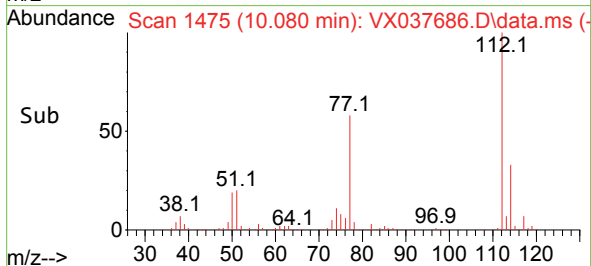
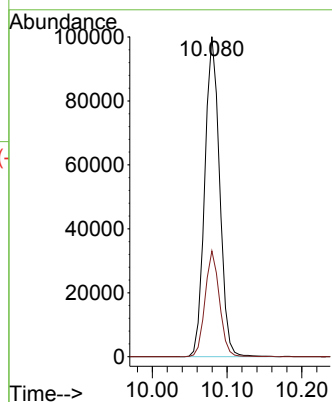
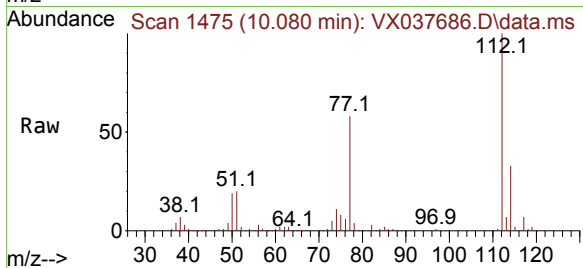




#65  
Chlorobenzene  
Concen: 19.247 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

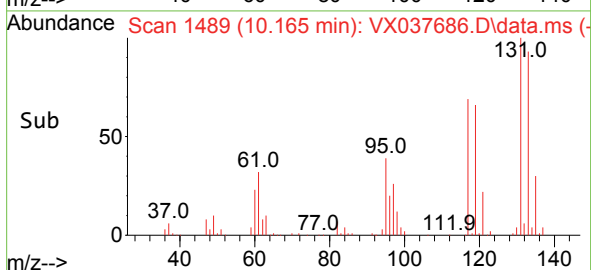
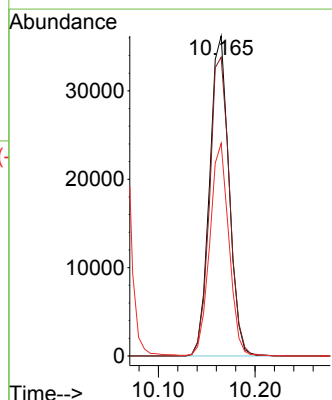
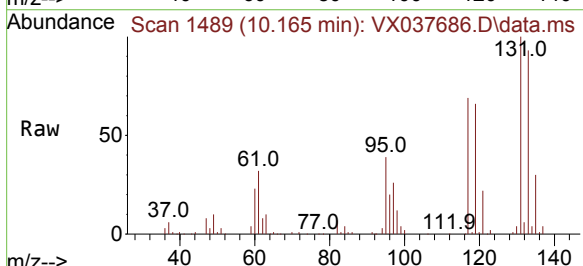
Instrument :  
MSVOA\_X  
ClientSampleId :

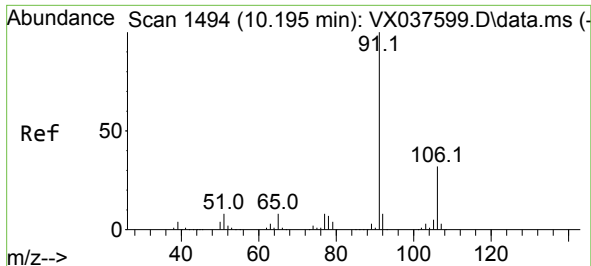
Tgt Ion:112 Resp: 138017  
Ion Ratio Lower Upper  
112 100  
114 33.1 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.396 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

Tgt Ion:131 Resp: 50406  
Ion Ratio Lower Upper  
131 100  
133 96.1 47.1 141.4  
119 65.7 32.2 96.6





#67

Ethyl Benzene

Concen: 19.486 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA\_X

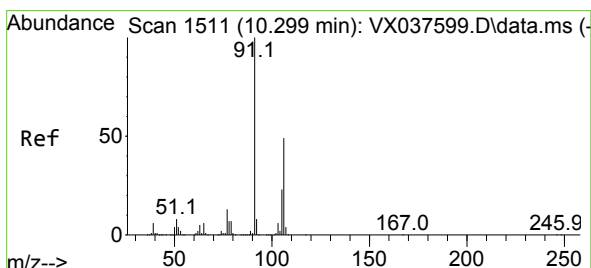
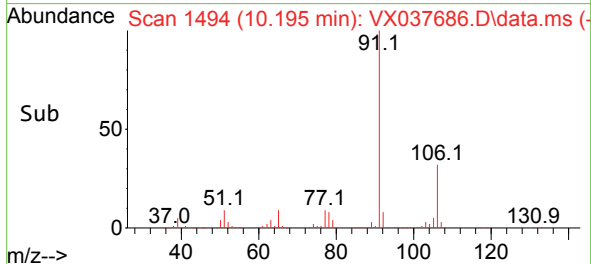
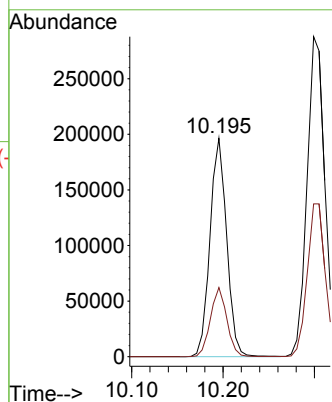
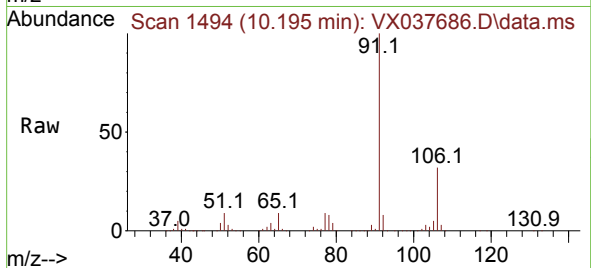
ClientSampleId :

Tgt Ion: 91 Resp: 248660

Ion Ratio Lower Upper

91 100

106 31.7 24.9 37.3



#68

m/p-Xylenes

Concen: 39.107 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX037686.D

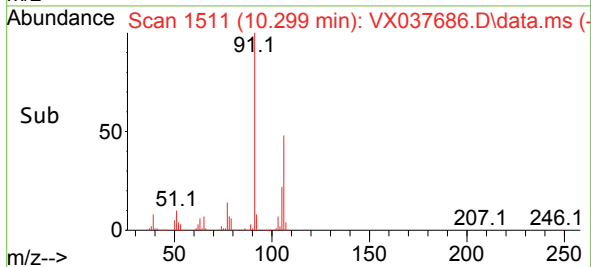
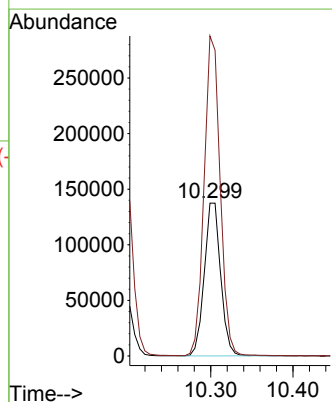
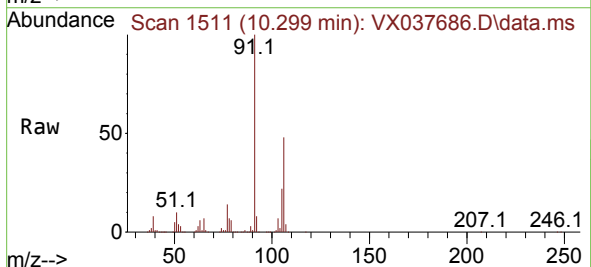
Acq: 13 Sep 2023 11:36

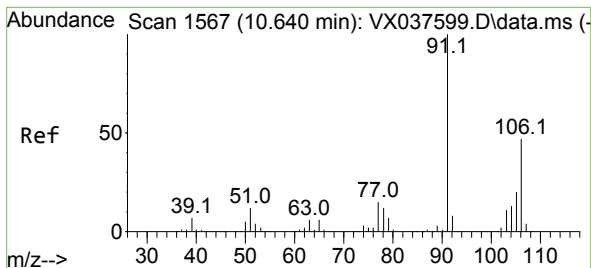
Tgt Ion: 106 Resp: 190288

Ion Ratio Lower Upper

106 100

91 205.1 165.5 248.3





#69

o-Xylene

Concen: 19.446 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA\_X

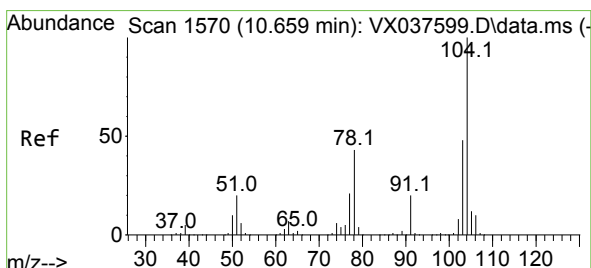
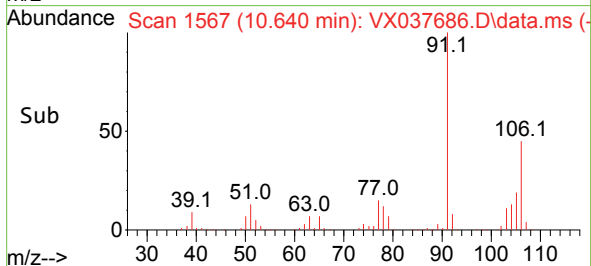
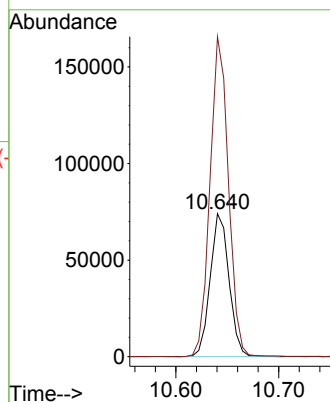
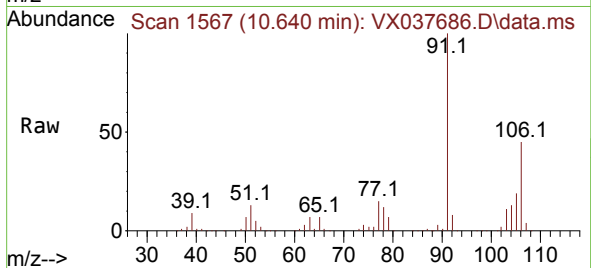
ClientSampleId :

Tgt Ion:106 Resp: 94339

Ion Ratio Lower Upper

106 100

91 219.7 108.9 326.8



#70

Styrene

Concen: 19.599 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

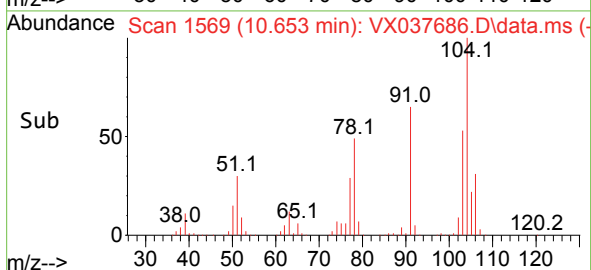
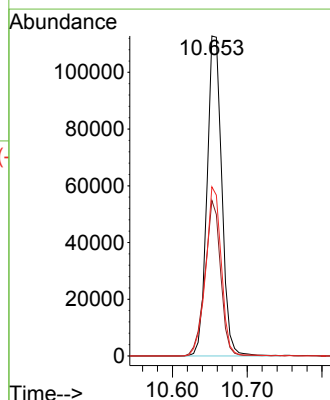
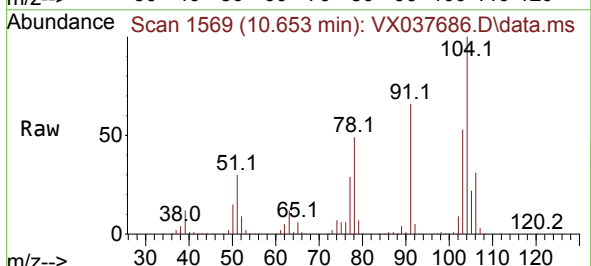
Tgt Ion:104 Resp: 155121

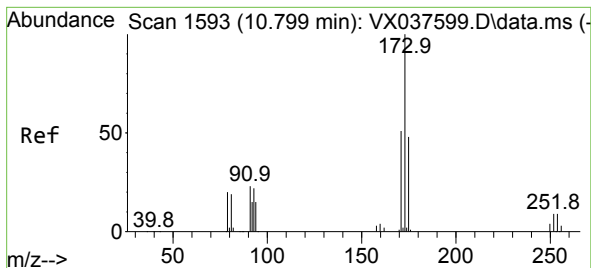
Ion Ratio Lower Upper

104 100

78 51.5 43.6 65.4

103 55.9 43.6 65.4





#71

Bromoform

Concen: 19.539 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

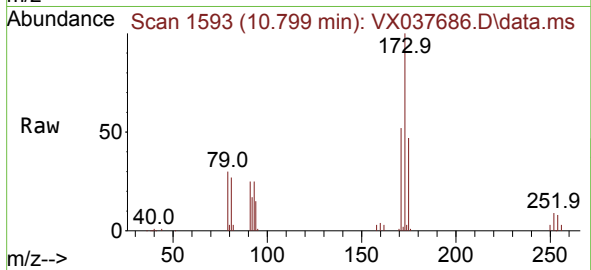
Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

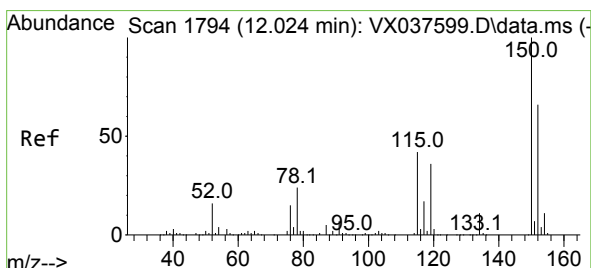
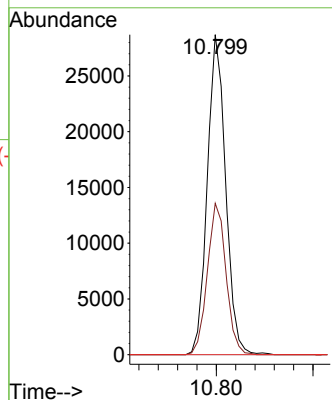
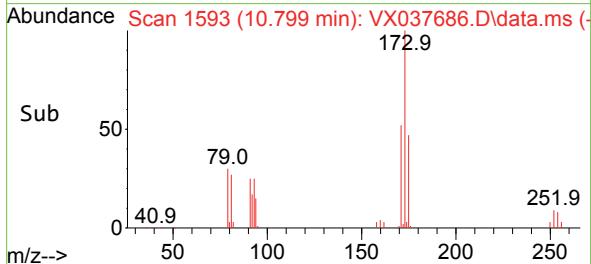
Instrument :

MSVOA\_X

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 37785 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.3  | 24.1  | 72.4  |
| 254       | 0.0   | 0.0   | 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

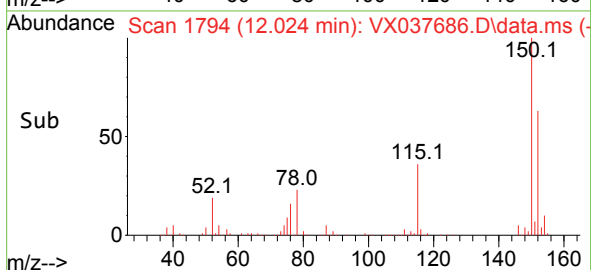
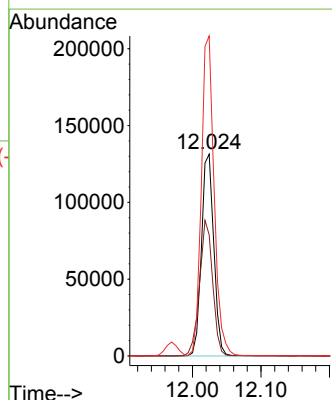
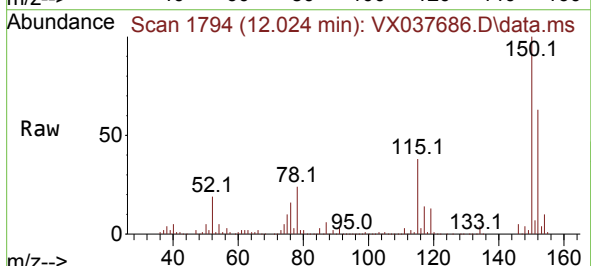
RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

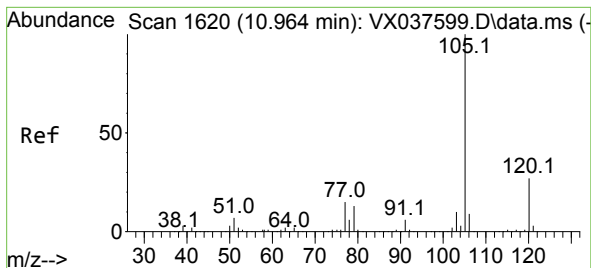
Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 165187 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 71.3  | 43.3  | 129.9  |
| 150       | 164.0 | 0.0   | 345.0  |







#73

Isopropylbenzene

Concen: 20.163 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA\_X

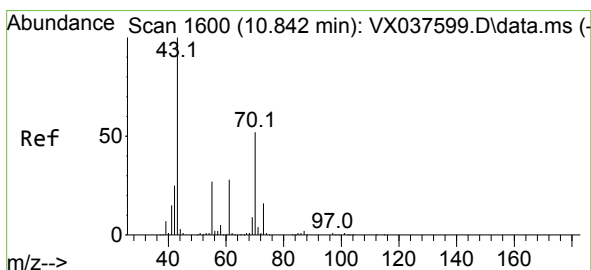
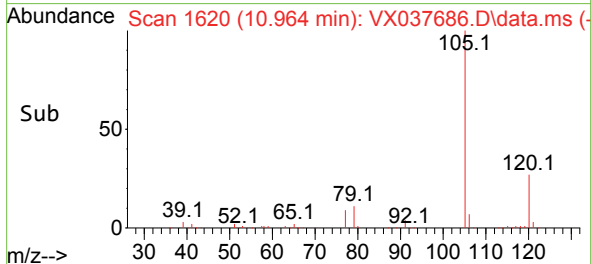
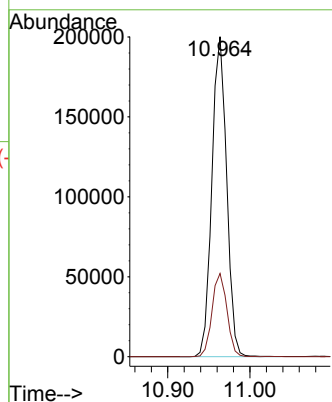
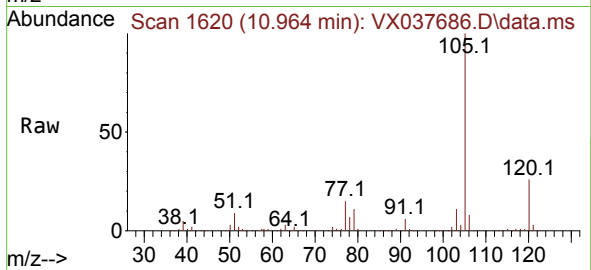
ClientSampleId :

Tgt Ion:105 Resp: 249369

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.6



#74

N-ethyl acetate

Concen: 19.830 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Tgt Ion: 43 Resp: 106942

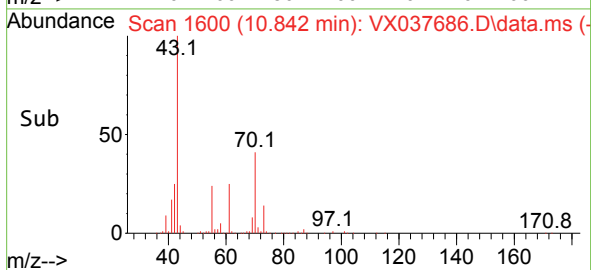
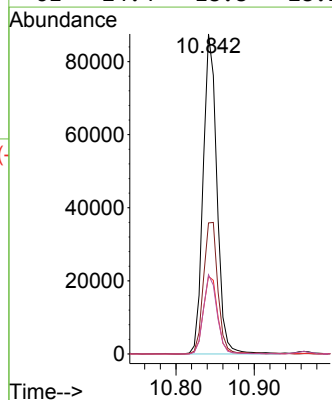
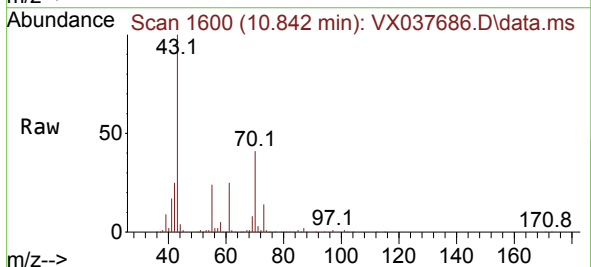
Ion Ratio Lower Upper

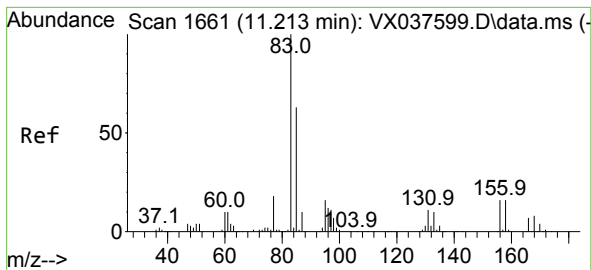
43 100

70 43.0 32.9 49.3

55 25.3 19.3 28.9

61 24.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.794 ug/l

RT: 11.214 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA\_X

ClientSampleId :

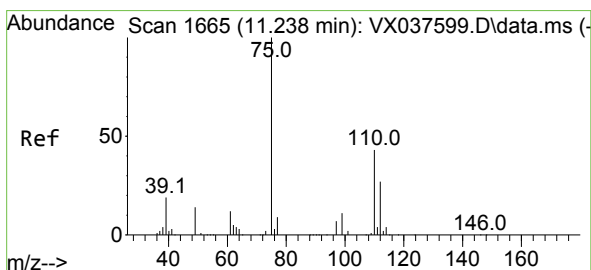
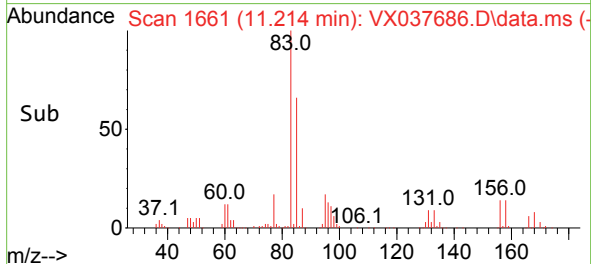
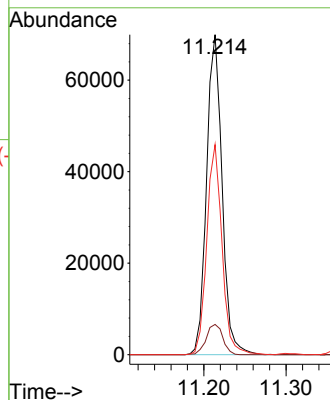
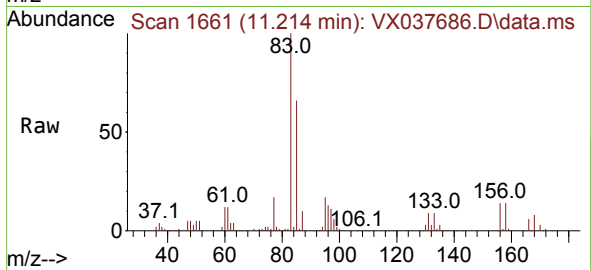
Tgt Ion: 83 Resp: 91609

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.8

85 64.6 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 25.960 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX037686.D

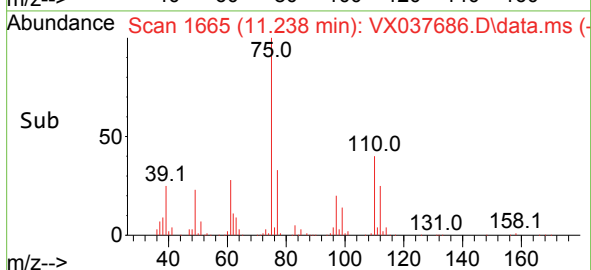
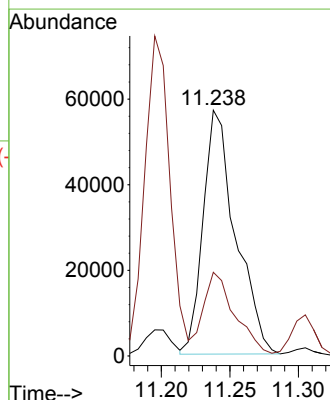
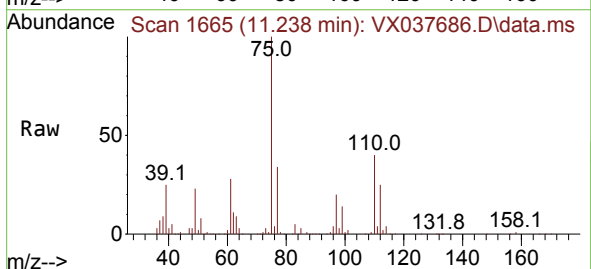
Acq: 13 Sep 2023 11:36

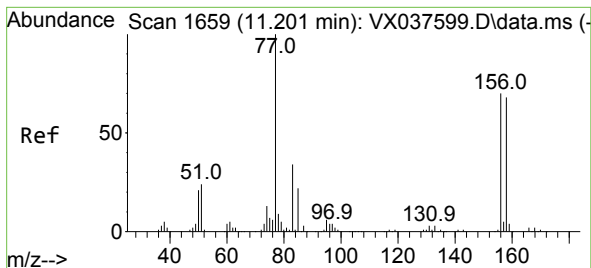
Tgt Ion: 75 Resp: 94274

Ion Ratio Lower Upper

75 100

77 33.6 19.1 57.5





#77

Bromobenzene

Concen: 20.606 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA\_X

ClientSampleId :

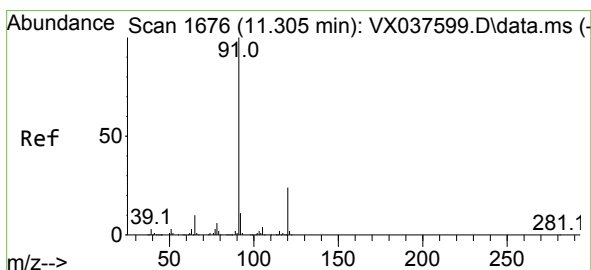
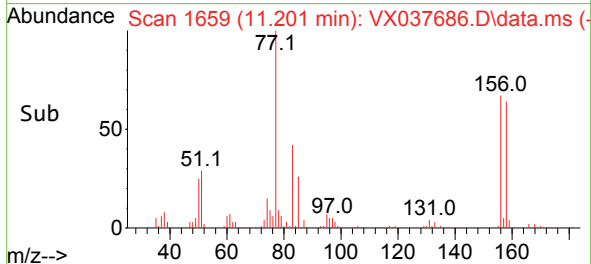
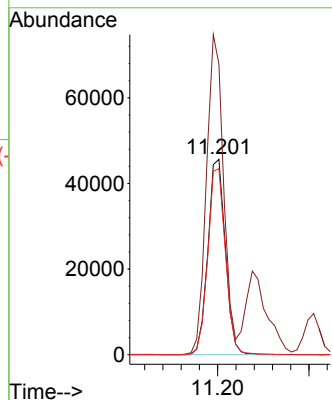
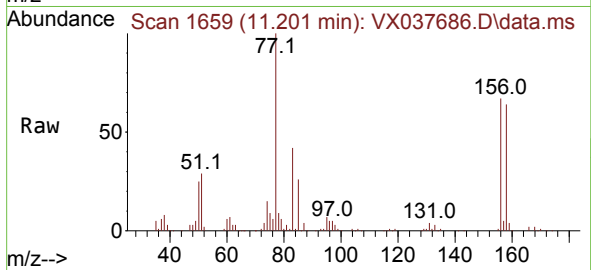
Tgt Ion:156 Resp: 60392

Ion Ratio Lower Upper

156 100

77 159.9 88.4 265.3

158 96.0 48.0 144.0



#78

n-propylbenzene

Concen: 19.920 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037686.D

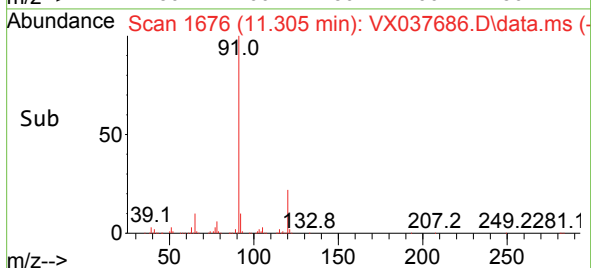
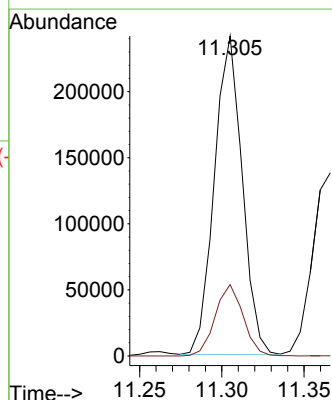
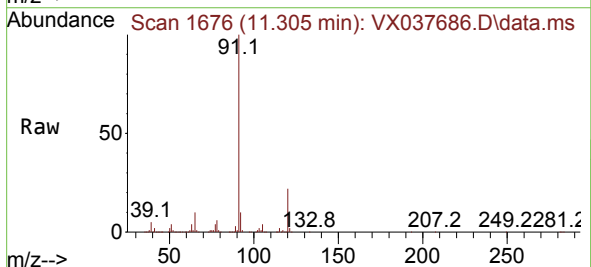
Acq: 13 Sep 2023 11:36

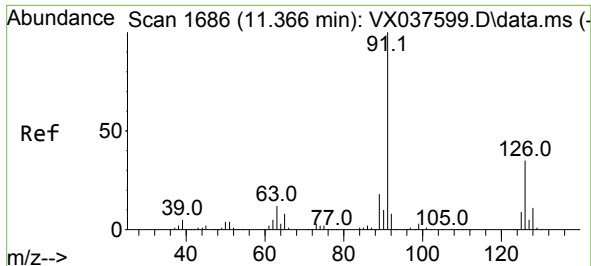
Tgt Ion: 91 Resp: 283433

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.013 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA\_X

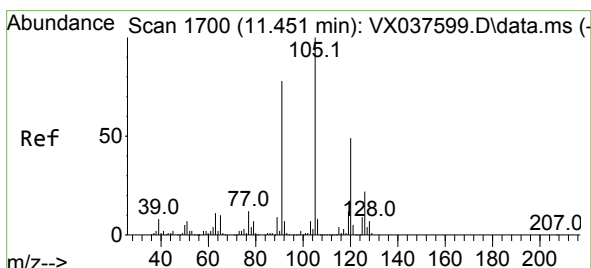
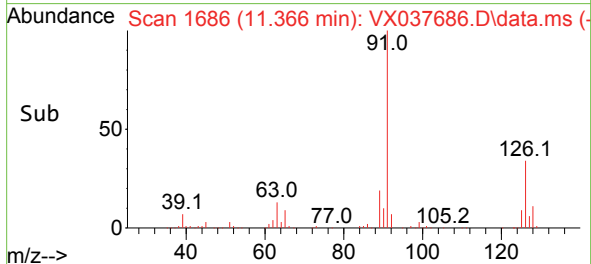
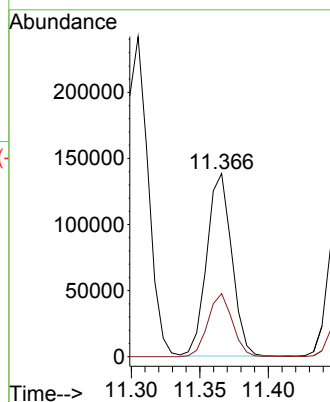
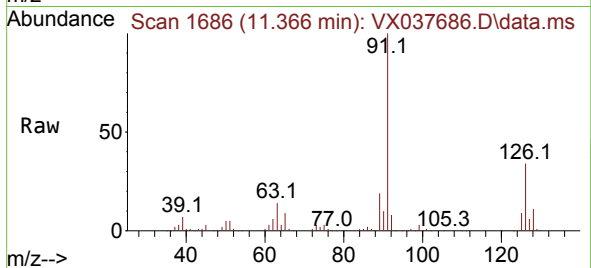
ClientSampleId :

Tgt Ion: 91 Resp: 175280

Ion Ratio Lower Upper

91 100

126 34.0 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 20.608 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX037686.D

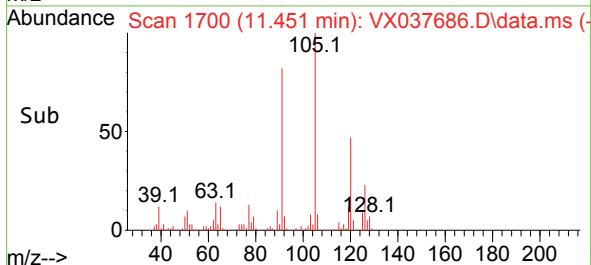
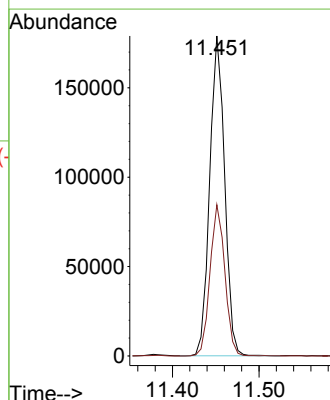
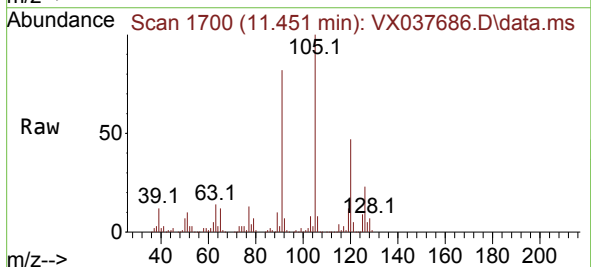
Acq: 13 Sep 2023 11:36

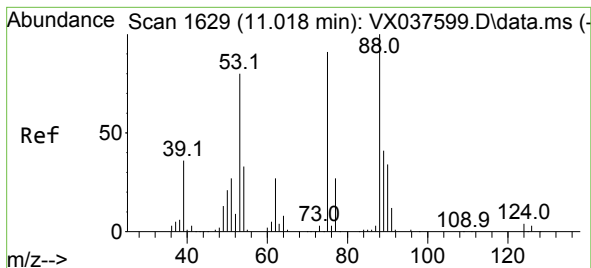
Tgt Ion: 105 Resp: 214201

Ion Ratio Lower Upper

105 100

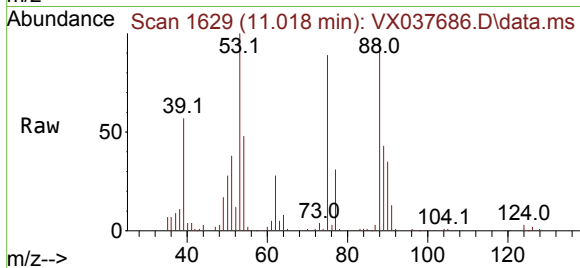
120 47.0 24.1 72.3



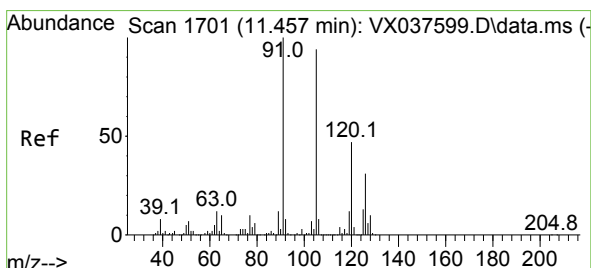
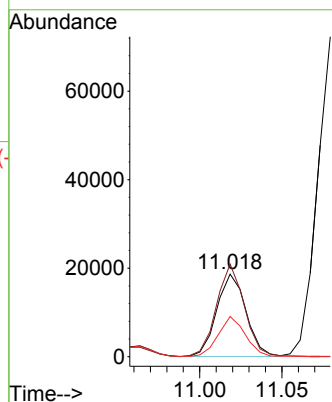
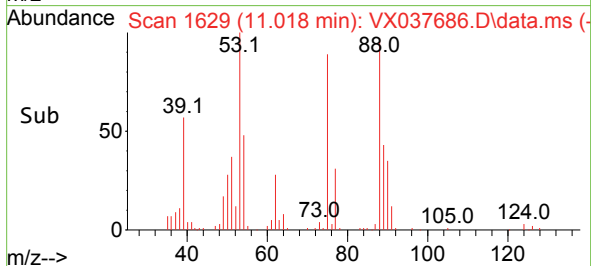


#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.237 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

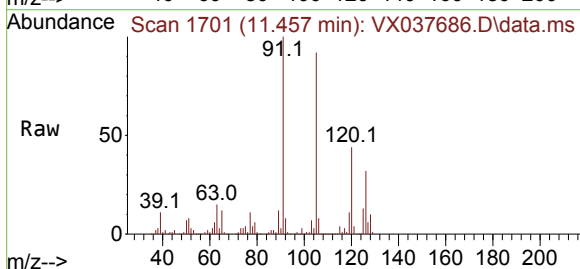
Instrument :  
MSVOA\_X  
ClientSampleId :



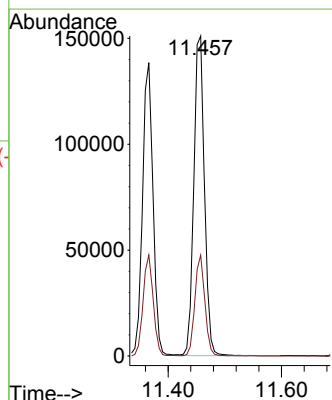
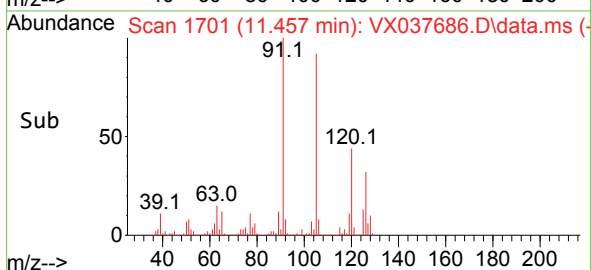
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 107.9 | 90.5  | 135.7 |
| 89      | 46.0  | 36.9  | 55.3  |

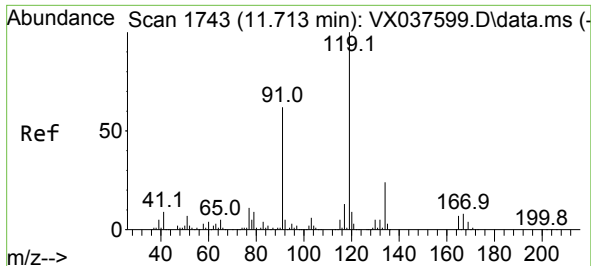


#82  
4-Chlorotoluene  
Concen: 19.693 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 29.6  | 14.2  | 42.6  |

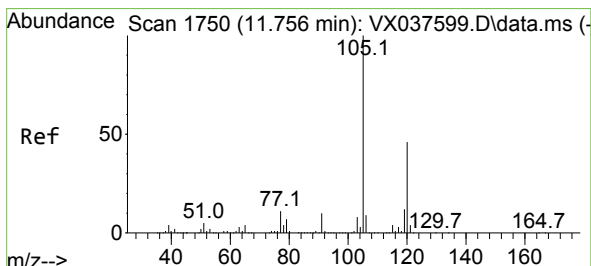
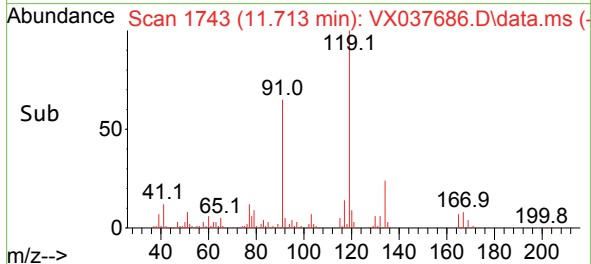
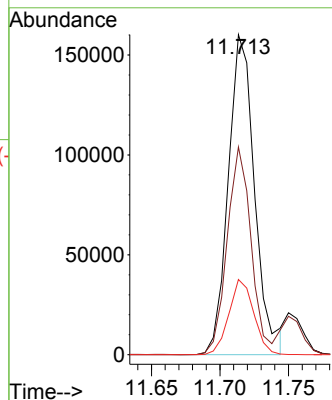
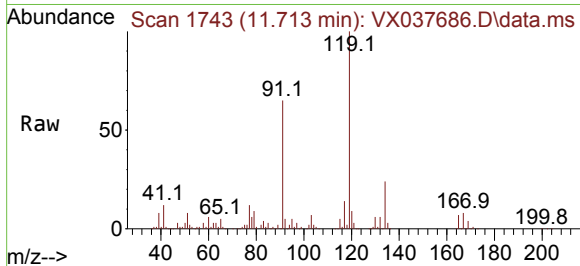




#83  
tert-Butylbenzene  
Concen: 20.526 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

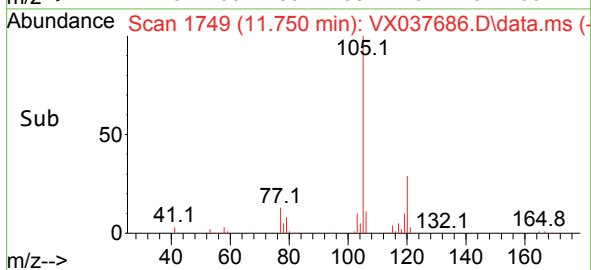
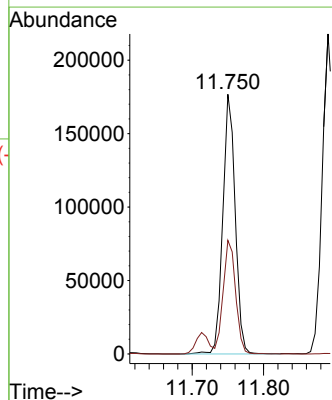
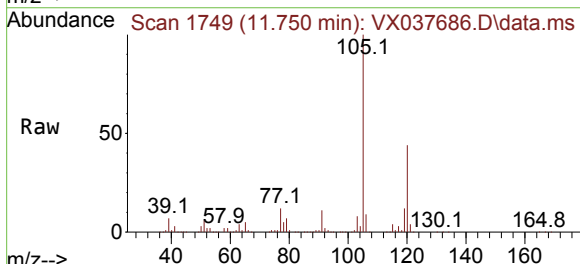
Instrument :  
MSVOA\_X  
ClientSampleId :

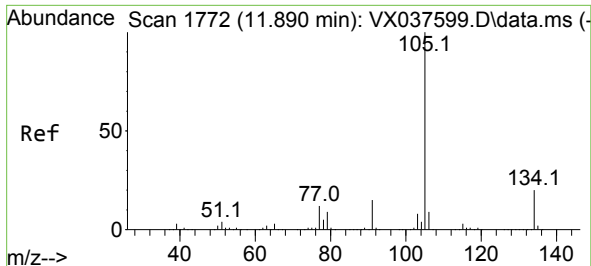
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 59.1  | 31.2  | 93.6  |
| 134     | 22.3  | 11.7  | 35.0  |



#84  
1,2,4-Trimethylbenzene  
Concen: 20.356 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.006 min  
Lab File: VX037686.D  
Acq: 13 Sep 2023 11:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 43.9  | 21.2  | 63.6  |

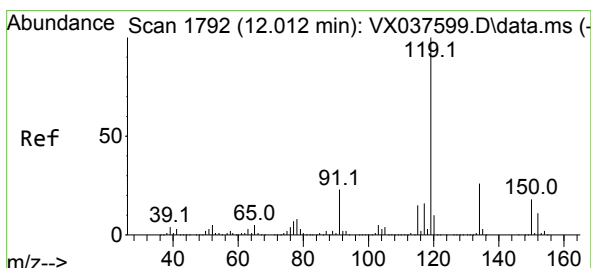
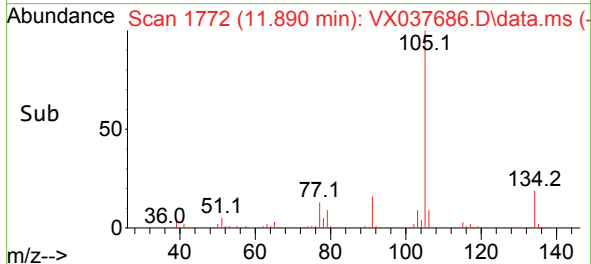
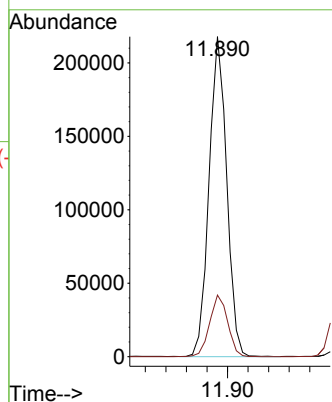
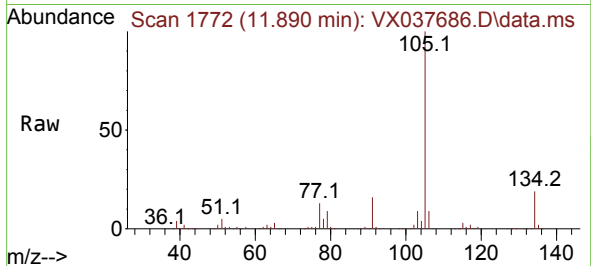




#85  
 sec-Butylbenzene  
 Concen: 20.155 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX037686.D  
 Acq: 13 Sep 2023 11:36

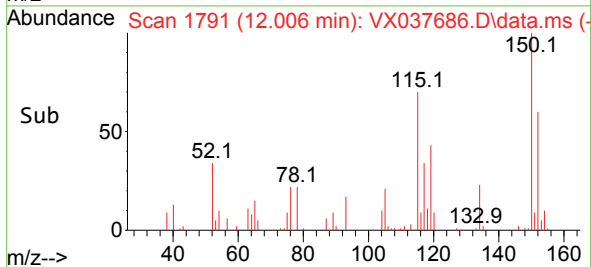
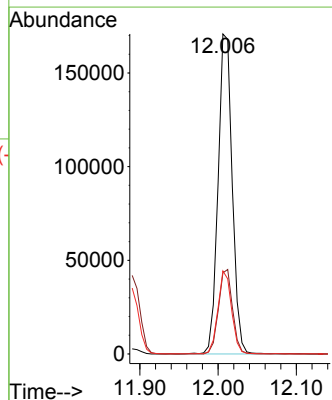
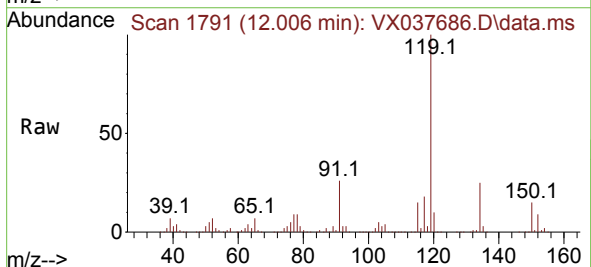
Instrument :  
 MSVOA\_X  
 ClientSampleId :

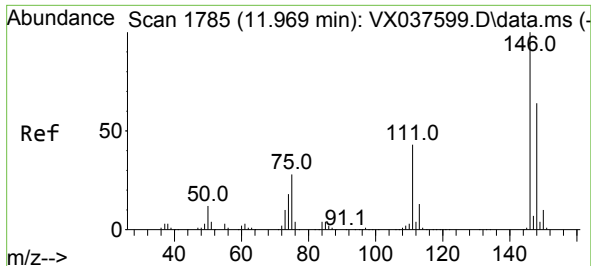
Tgt Ion:105 Resp: 259819  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 20.365 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.006 min  
 Lab File: VX037686.D  
 Acq: 13 Sep 2023 11:36

Tgt Ion:119 Resp: 215125  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.8 38.3  
 91 25.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.671 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA\_X

ClientSampleId :

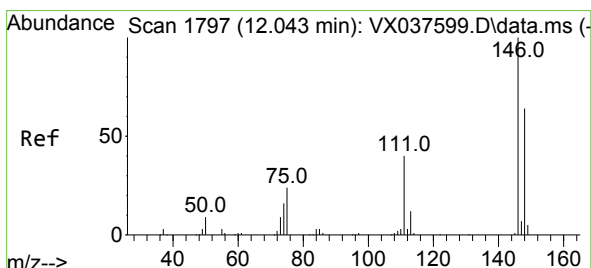
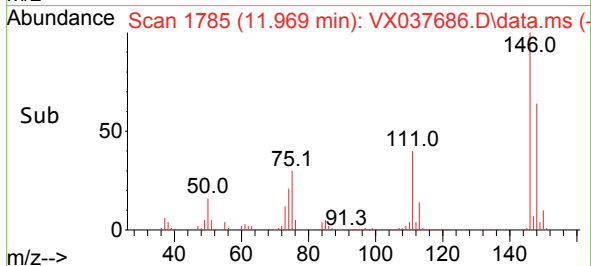
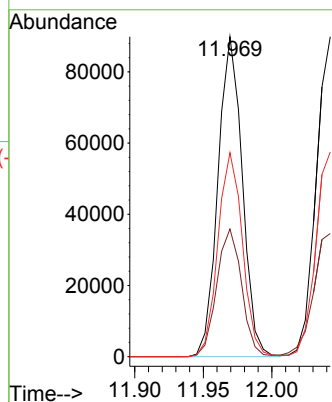
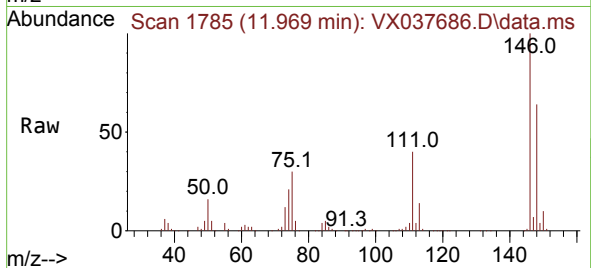
Tgt Ion:146 Resp: 110696

Ion Ratio Lower Upper

146 100

111 40.9 22.1 66.1

148 64.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.244 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

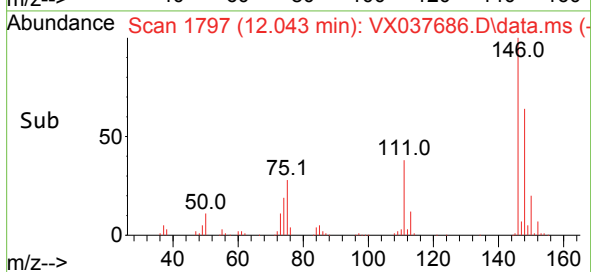
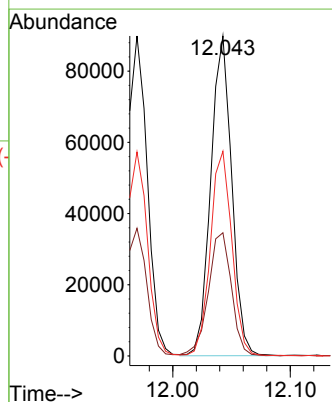
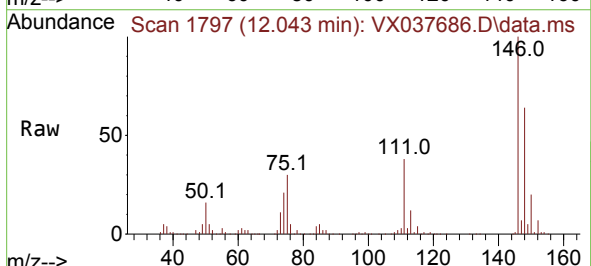
Tgt Ion:146 Resp: 111300

Ion Ratio Lower Upper

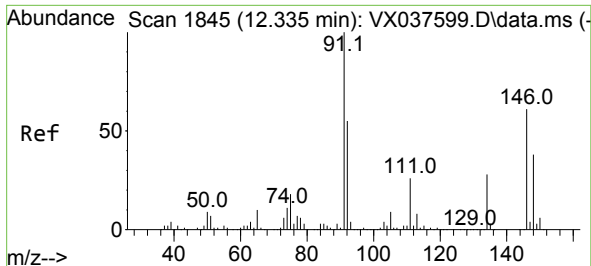
146 100

111 42.6 21.3 63.7

148 65.8 31.8 95.4







#89

n-Butylbenzene

Concen: 19.428 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA\_X

ClientSampleId :

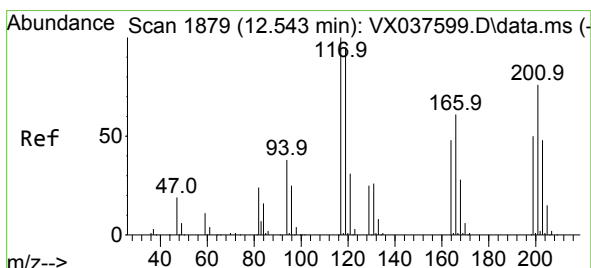
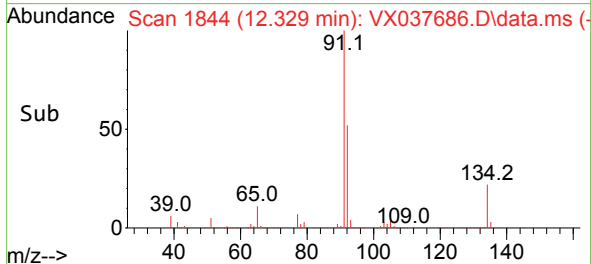
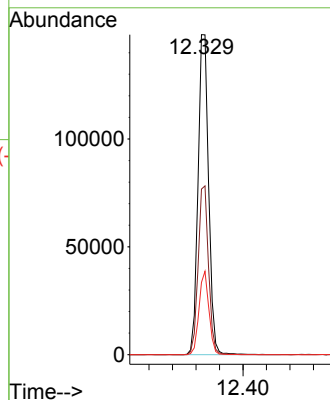
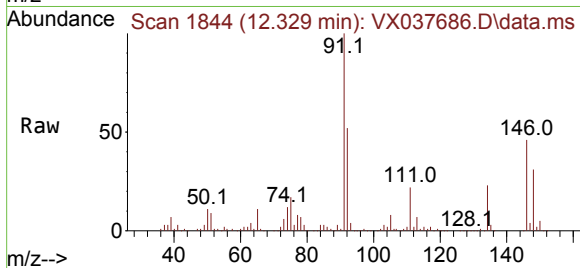
Tgt Ion: 91 Resp: 185874

Ion Ratio Lower Upper

91 100

92 51.7 27.4 82.0

134 24.4 12.6 37.8



#90

Hexachloroethane

Concen: 19.915 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX037686.D

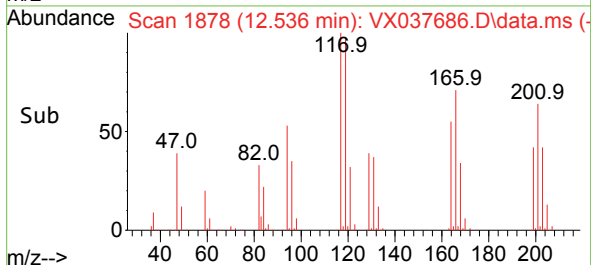
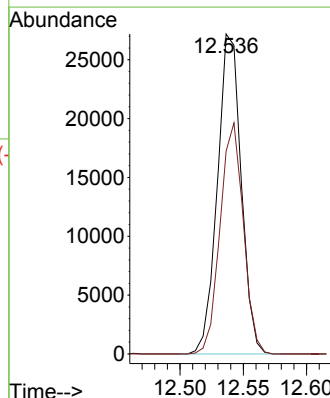
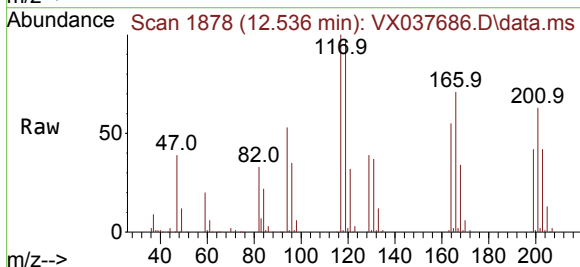
Acq: 13 Sep 2023 11:36

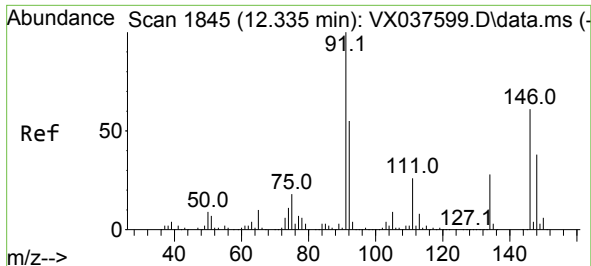
Tgt Ion: 117 Resp: 35498

Ion Ratio Lower Upper

117 100

201 70.6 32.9 98.6

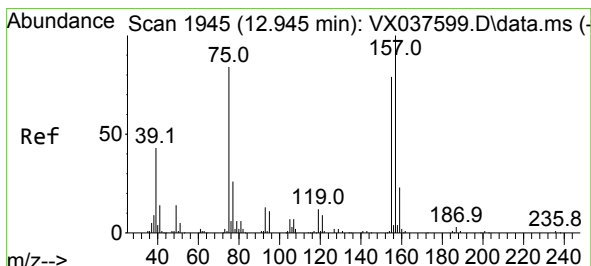
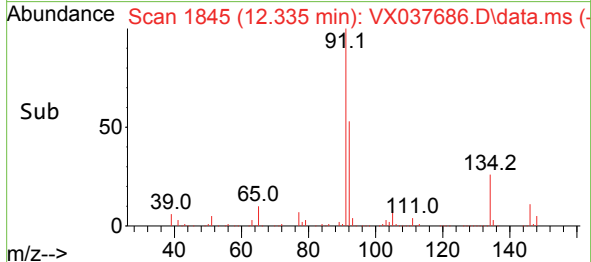
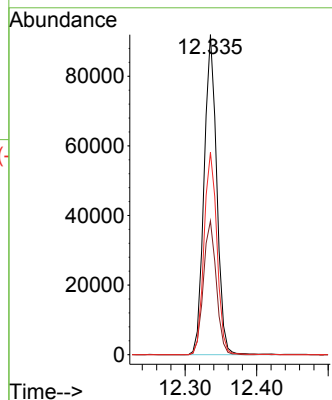
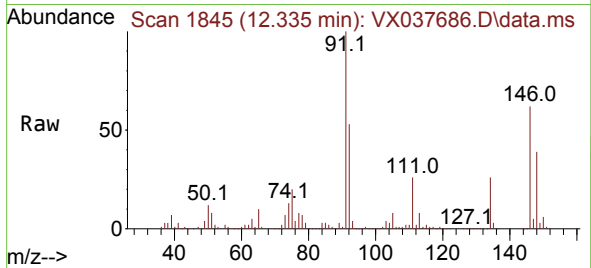




#91  
 1,2-Dichlorobenzene  
 Concen: 20.107 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. 0.000 min  
 Lab File: VX037686.D  
 Acq: 13 Sep 2023 11:36

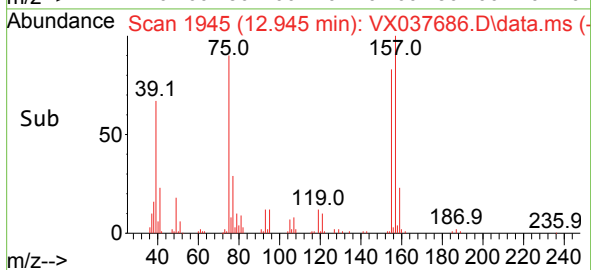
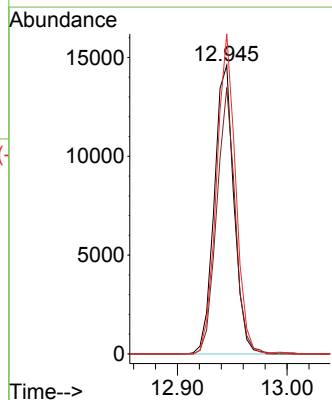
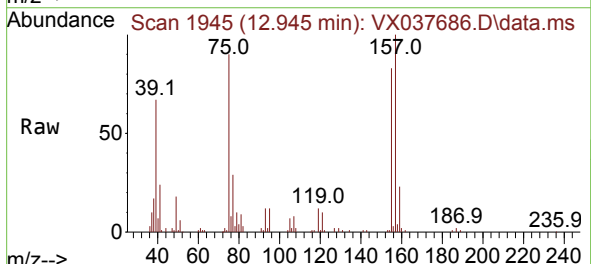
Instrument :  
 MSVOA\_X  
 ClientSampleId :

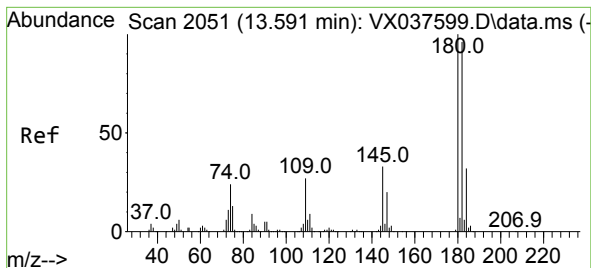
Tgt Ion:146 Resp: 113208  
 Ion Ratio Lower Upper  
 146 100  
 111 42.5 22.4 67.0  
 148 64.5 31.6 95.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.242 ug/l  
 RT: 12.945 min Scan# 1945  
 Delta R.T. 0.000 min  
 Lab File: VX037686.D  
 Acq: 13 Sep 2023 11:36

Tgt Ion: 75 Resp: 18286  
 Ion Ratio Lower Upper  
 75 100  
 155 86.3 36.1 108.5  
 157 106.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.503 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA\_X

ClientSampleId :

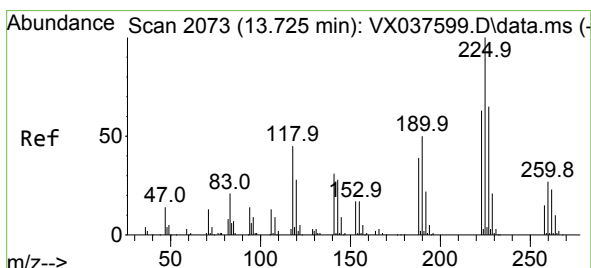
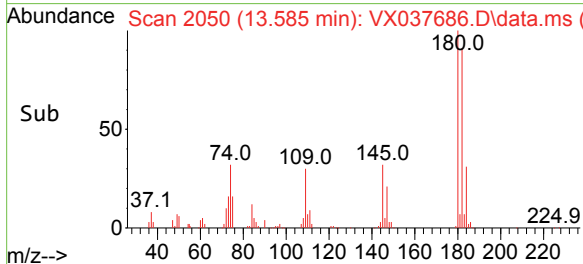
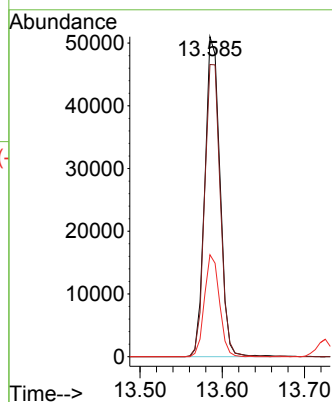
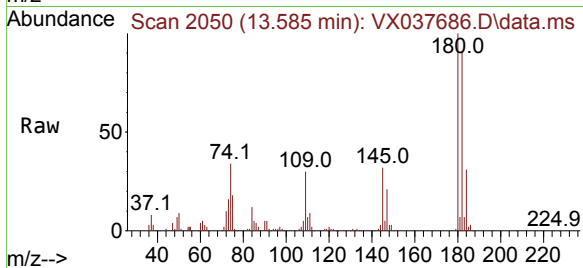
Tgt Ion:180 Resp: 65397

Ion Ratio Lower Upper

180 100

182 94.1 48.3 144.8

145 31.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 21.206 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

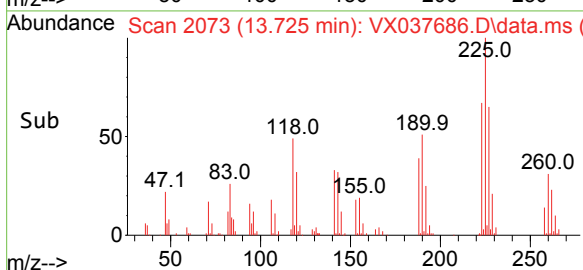
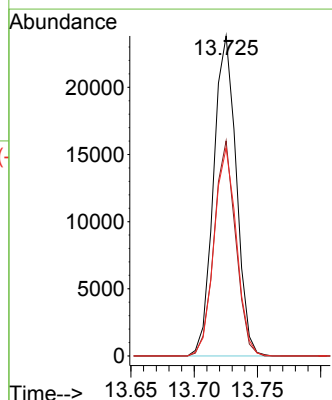
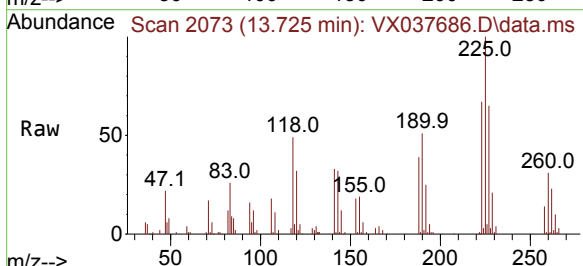
Tgt Ion:225 Resp: 29703

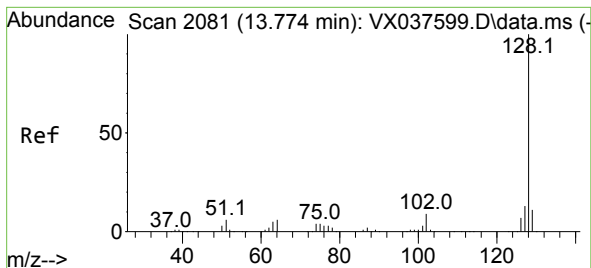
Ion Ratio Lower Upper

225 100

223 63.8 31.1 93.2

227 64.3 32.5 97.5





#95

Naphthalene

Concen: 19.391 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

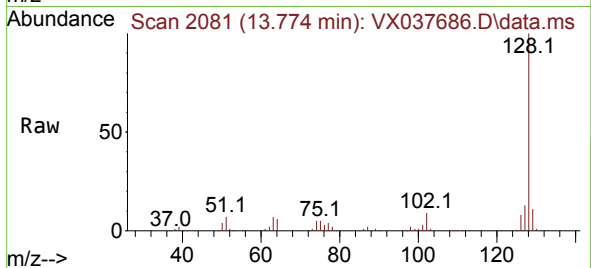
Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Instrument :

MSVOA\_X

ClientSampleId :



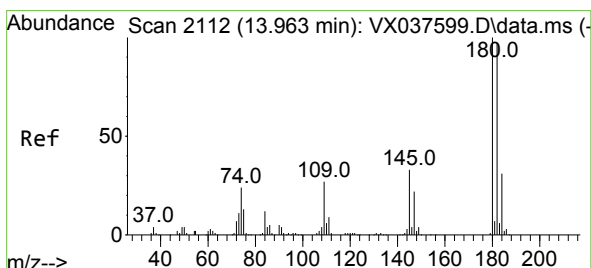
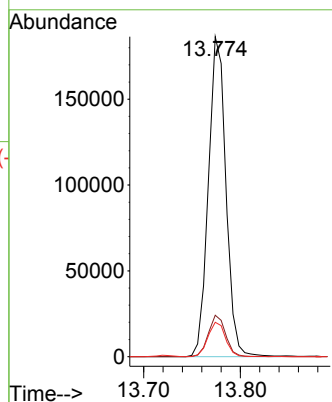
Tgt Ion:128 Resp: 235525

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.592 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX037686.D

Acq: 13 Sep 2023 11:36

Tgt Ion:180 Resp: 67403

Ion Ratio Lower Upper

180 100

182 93.4 46.9 140.6

145 33.0 17.8 53.5

