

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102323\  
 Data File : VX038422.D  
 Acq On : 23 Oct 2023 11:11  
 Operator : JC/MD  
 Sample : VX1023WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 23 23:58:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 05 15:27:13 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 158292   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 262538   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 257670   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 141899   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 117332   | 46.084   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 92.160%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 96931    | 51.239   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 102.480% |
| 50) Toluene-d8              | 8.647  | 98    | 348002   | 48.141   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 96.280%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 134945   | 49.240   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 98.480%  |

|                              |       |     |        |         |        |        |
|------------------------------|-------|-----|--------|---------|--------|--------|
| Target Compounds             |       |     |        |         |        | Qvalue |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 32812  | 21.475  | ug/l   | 99     |
| 3) Chloromethane             | 1.294 | 50  | 30967  | 19.885  | ug/l   | 100    |
| 4) Vinyl Chloride            | 1.374 | 62  | 34709  | 20.102  | ug/l   | 94     |
| 5) Bromomethane              | 1.605 | 94  | 33686  | 14.245  | ug/l   | 96     |
| 6) Chloroethane              | 1.691 | 64  | 23521  | 18.636  | ug/l   | 99     |
| 7) Trichlorofluoromethane    | 1.892 | 101 | 65600  | 19.235  | ug/l   | 100    |
| 8) Diethyl Ether             | 2.130 | 74  | 22978  | 18.065  | ug/l   | 78     |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 33434  | 22.456  | ug/l   | 98     |
| 10) Methyl Iodide            | 2.453 | 142 | 40347  | 18.834  | ug/l   | 95     |
| 11) Tert butyl alcohol       | 2.947 | 59  | 43542  | 69.464  | ug/l # | 91     |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 30596  | 21.126  | ug/l   | 91     |
| 13) Acrolein                 | 2.233 | 56  | 37159  | 102.665 | ug/l   | 100    |
| 14) Allyl chloride           | 2.666 | 41  | 48075  | 18.559  | ug/l # | 94     |
| 15) Acrylonitrile            | 3.062 | 53  | 110089 | 95.015  | ug/l   | 100    |
| 16) Acetone                  | 2.373 | 43  | 101023 | 95.073  | ug/l   | 92     |
| 17) Carbon Disulfide         | 2.514 | 76  | 73643  | 17.643  | ug/l   | 98     |
| 18) Methyl Acetate           | 2.697 | 43  | 92883  | 20.384  | ug/l   | 92     |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 109943 | 19.061  | ug/l   | 97     |
| 20) Methylene Chloride       | 2.788 | 84  | 38273  | 19.149  | ug/l   | 88     |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 35201  | 19.631  | ug/l   | 86     |
| 22) Diisopropyl ether        | 3.763 | 45  | 101549 | 18.705  | ug/l # | 87     |
| 23) Vinyl Acetate            | 3.721 | 43  | 360737 | 90.605  | ug/l   | 95     |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 62711  | 19.033  | ug/l   | 98     |
| 25) 2-Butanone               | 4.556 | 43  | 153077 | 89.286  | ug/l   | 92     |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 51290  | 19.939  | ug/l   | 96     |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 42081  | 19.705  | ug/l   | 88     |
| 28) Bromochloromethane       | 4.897 | 49  | 28204  | 18.962  | ug/l   | 84     |
| 29) Tetrahydrofuran          | 4.995 | 42  | 98110  | 87.895  | ug/l   | 88     |
| 30) Chloroform               | 5.093 | 83  | 70910  | 19.681  | ug/l   | 93     |
| 31) Cyclohexane              | 5.471 | 56  | 48960  | 17.749  | ug/l   | 90     |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 60917  | 19.740  | ug/l   | 97     |
| 36) 1,1-Dichloropropene      | 5.690 | 75  | 50041  | 19.182  | ug/l   | 97     |
| 37) Ethyl Acetate            | 4.715 | 43  | 57405  | 18.529  | ug/l   | 98     |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 52086  | 20.296  | ug/l   | 94     |
| 39) Methylcyclohexane        | 7.379 | 83  | 58650  | 19.194  | ug/l   | 93     |
| 40) Benzene                  | 6.037 | 78  | 145430 | 19.932  | ug/l   | 99     |

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 Sample : VX1023WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 23 23:58:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 05 15:27:13 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 27736    | 17.996  | ug/l # | 85       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 55981    | 19.203  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 85300    | 18.443  | ug/l   | 96       |
| 44) Trichloroethene           | 7.123  | 130  | 40676    | 21.314  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 37750    | 19.990  | ug/l   | 98       |
| 46) Dibromomethane            | 7.580  | 93   | 29228    | 19.956  | ug/l   | 94       |
| 47) Bromodichloromethane      | 7.824  | 83   | 53093    | 20.377  | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.690  | 41   | 41776    | 18.921  | ug/l # | 85       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 16065    | 295.267 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 308321   | 96.647  | ug/l   | 97       |
| 52) Toluene                   | 8.720  | 92   | 95912    | 20.180  | ug/l   | 93       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 54253    | 19.398  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 58862    | 20.032  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 41559    | 20.443  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 58870    | 18.887  | ug/l   | 92       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 66943    | 20.360  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 138686   | 90.645  | ug/l   | 96       |
| 59) 2-Hexanone                | 9.427  | 43   | 246449   | 96.094  | ug/l   | 96       |
| 60) Dibromochloromethane      | 9.519  | 129  | 41476    | 20.846  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 44277    | 20.140  | ug/l   | 97       |
| 64) Tetrachloroethene         | 9.275  | 164  | 34431    | 20.641  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 106847   | 19.816  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 37631    | 20.639  | ug/l   | 97       |
| 67) Ethyl Benzene             | 10.195 | 91   | 189009   | 19.639  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 147937   | 39.753  | ug/l   | 97       |
| 69) o-Xylene                  | 10.640 | 106  | 70186    | 19.324  | ug/l   | 99       |
| 70) Styrene                   | 10.652 | 104  | 119065   | 20.130  | ug/l   | 96       |
| 71) Bromoform                 | 10.799 | 173  | 30151    | 19.668  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 192674   | 20.247  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.841 | 43   | 73923    | 18.191  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 71120    | 20.367  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 72853    | 22.584  | ug/l   | 92       |
| 77) Bromobenzene              | 11.195 | 156  | 47012    | 20.235  | ug/l   | 89       |
| 78) n-propylbenzene           | 11.305 | 91   | 226965   | 19.506  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 131739   | 19.091  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 163395   | 19.902  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 17647    | 18.719  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 156883   | 19.212  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 161594   | 20.143  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 164714   | 20.122  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 207201   | 19.939  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 174245   | 20.323  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 91821    | 19.677  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 96100    | 20.172  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 162679   | 19.052  | ug/l   | 96       |
| 90) Hexachloroethane          | 12.536 | 117  | 27587    | 19.406  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 91743    | 20.453  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 15537    | 18.403  | ug/l   | 77       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 59783    | 19.871  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 25255    | 20.857  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 199292   | 19.022  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 57329    | 19.680  | ug/l   | 98       |

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Operator : JC/MD  
Sample : VX1023WBS01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 5 Sample Multiplier: 1

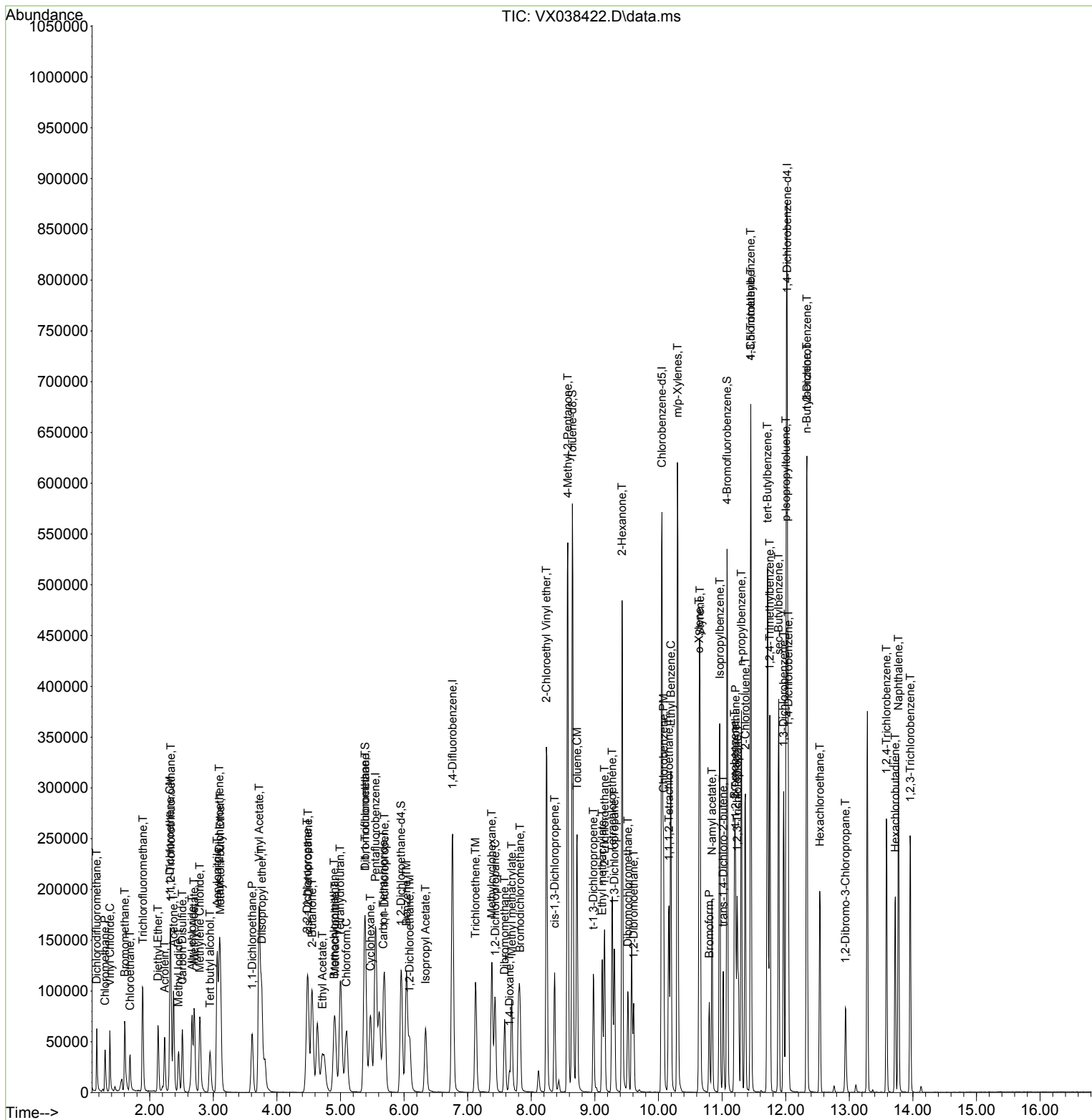
Instrument :  
MSVOA\_X  
ClientSampleId :

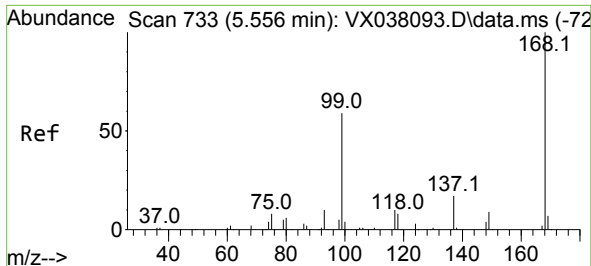
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 05 15:27:13 2023  
Response via : Initial Calibration

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

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

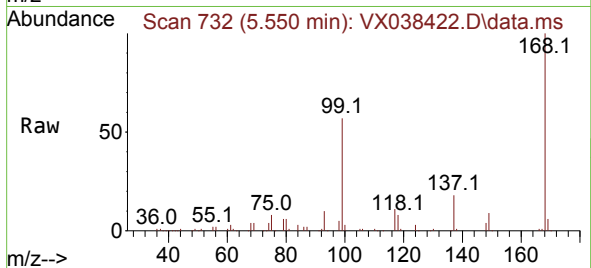
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 05 15:27:13 2023  
Response via : Initial Calibration



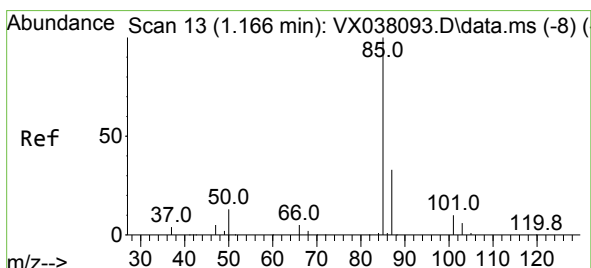
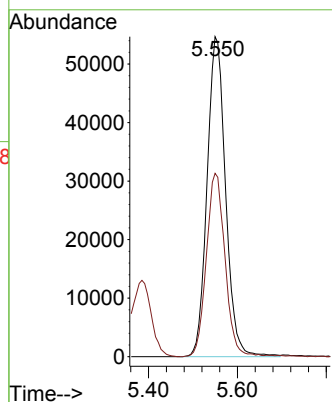
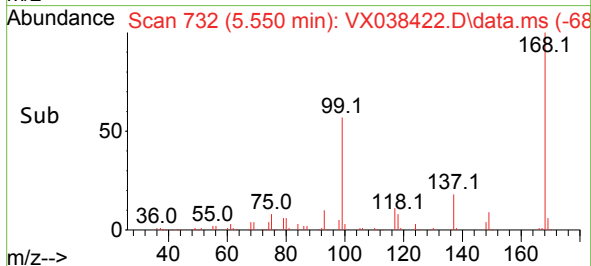


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Instrument :  
MSVOA\_X  
ClientSampleId :

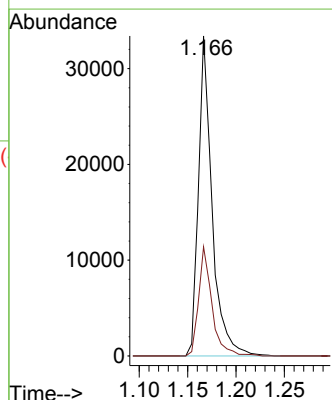
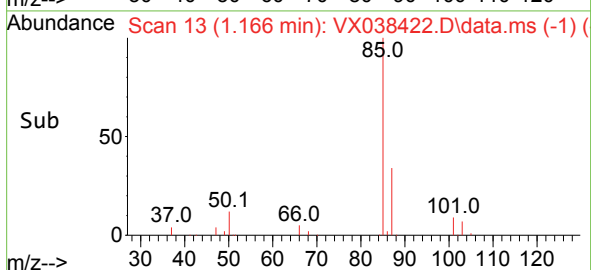
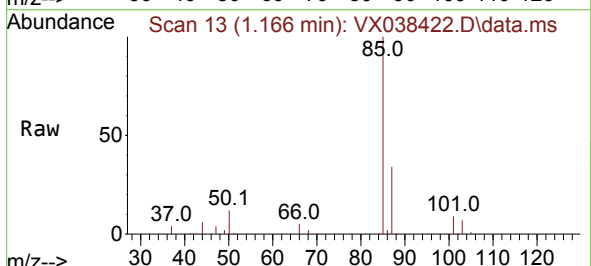


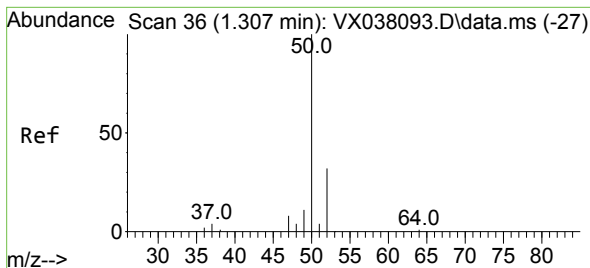
Tgt Ion:168 Resp: 158292  
Ion Ratio Lower Upper  
168 100  
99 57.3 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 21.475 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Tgt Ion: 85 Resp: 32812  
Ion Ratio Lower Upper  
85 100  
87 34.1 16.7 50.1





#3

Chloromethane

Concen: 19.885 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.007 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

Instrument :

MSVOA\_X

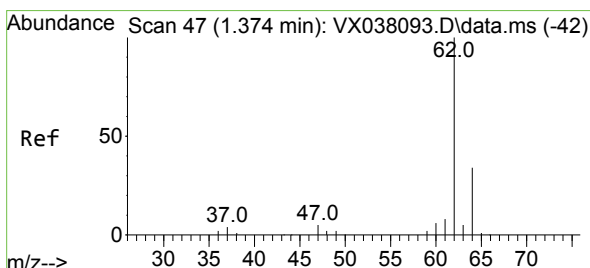
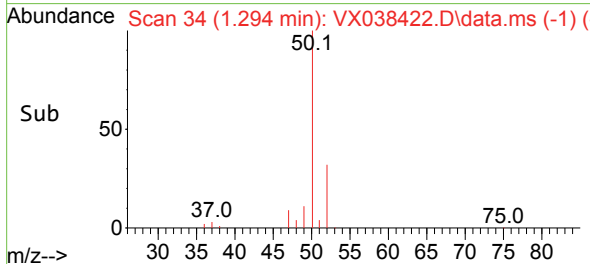
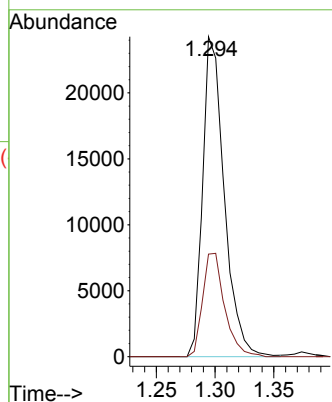
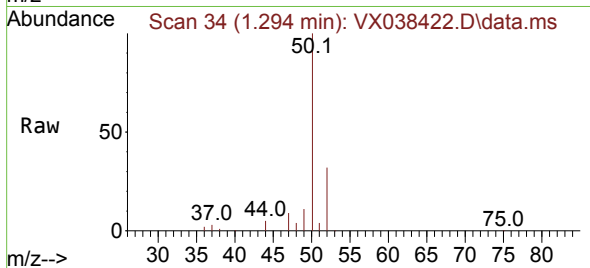
ClientSampleId :

Tgt Ion: 50 Resp: 30967

Ion Ratio Lower Upper

50 100

52 32.1 25.5 38.3



#4

Vinyl Chloride

Concen: 20.102 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038422.D

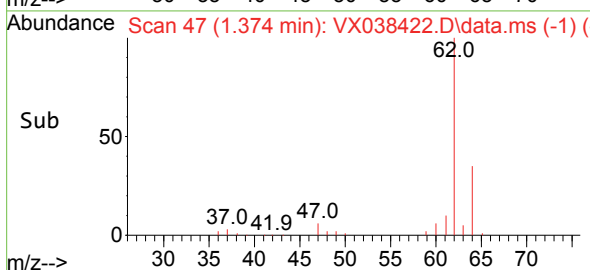
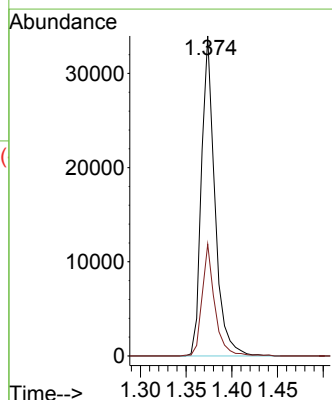
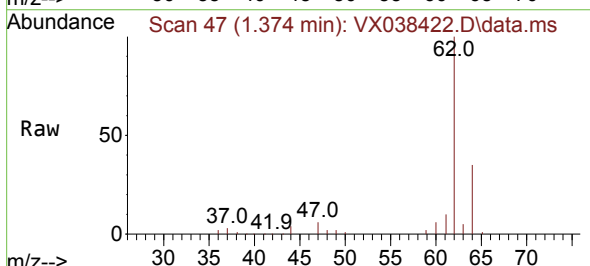
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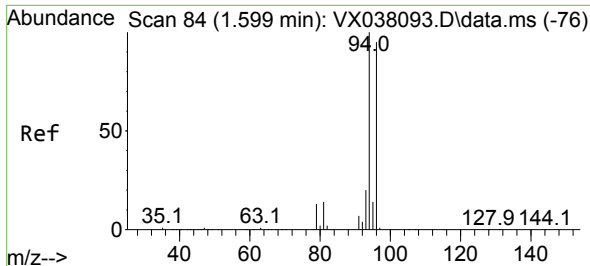
Tgt Ion: 62 Resp: 34709

Ion Ratio Lower Upper

62 100

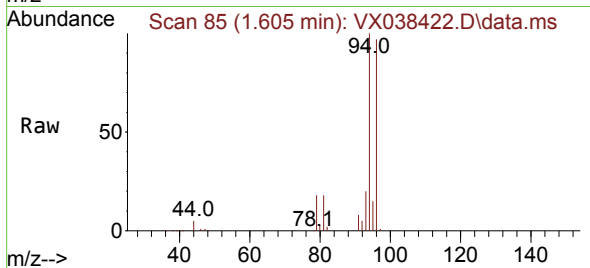
64 35.0 25.4 38.0



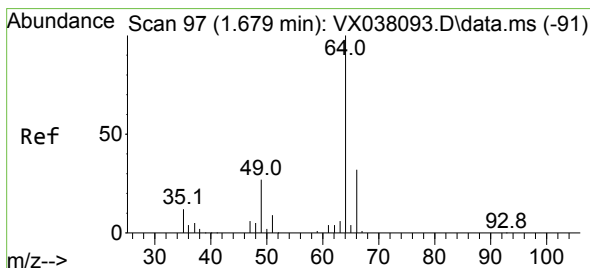
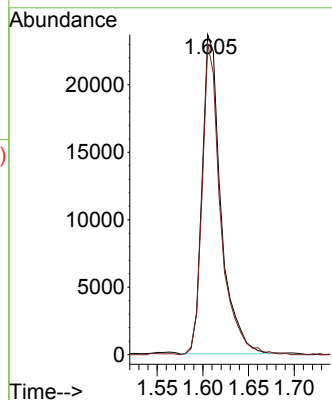
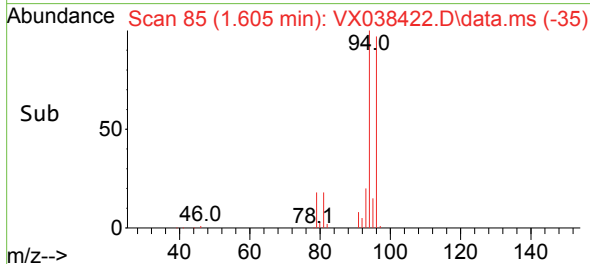


#5  
Bromomethane  
Concen: 14.245 ug/l  
RT: 1.605 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

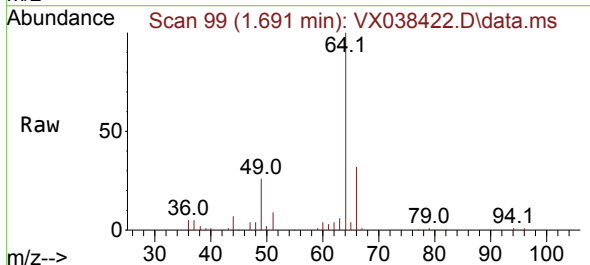
Instrument :  
MSVOA\_X  
ClientSampleId :



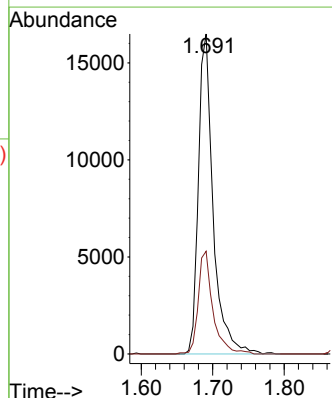
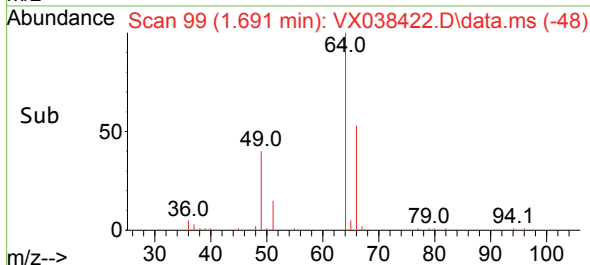
Tgt Ion: 94 Resp: 33686  
Ion Ratio Lower Upper  
94 100  
96 97.3 74.6 111.8

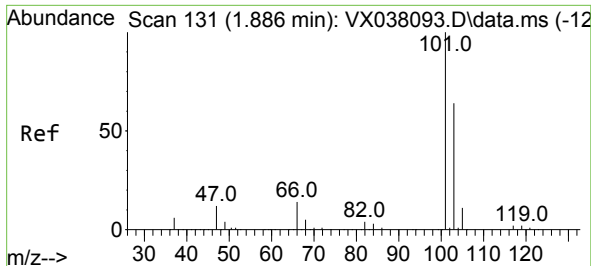


#6  
Chloroethane  
Concen: 18.636 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.012 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11



Tgt Ion: 64 Resp: 23521  
Ion Ratio Lower Upper  
64 100  
66 32.1 25.1 37.7

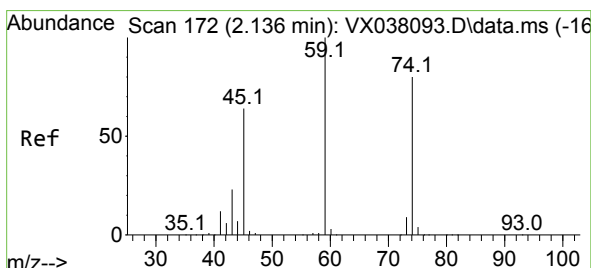
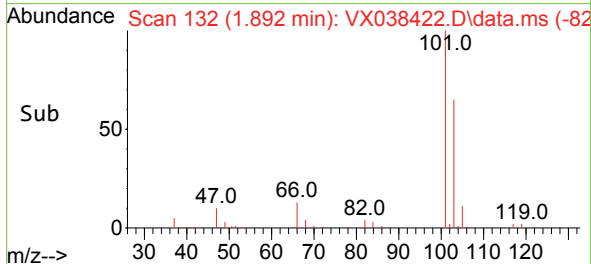
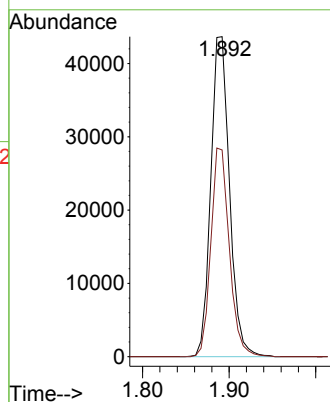
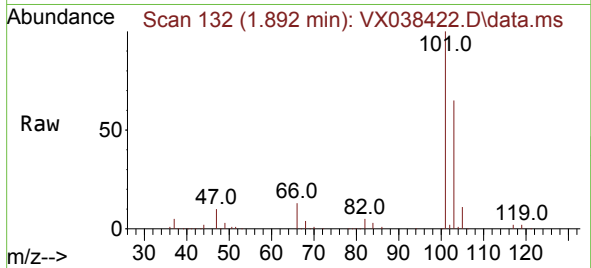




#7  
 Trichlorofluoromethane  
 Concen: 19.235 ug/l  
 RT: 1.892 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX038422.D  
 Acq: 23 Oct 2023 11:11

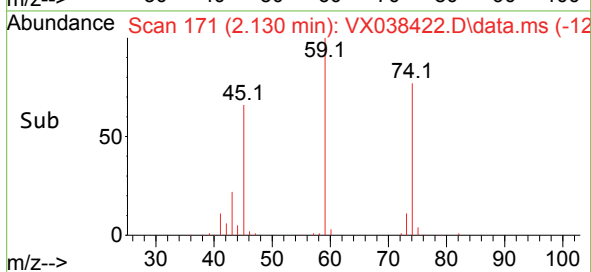
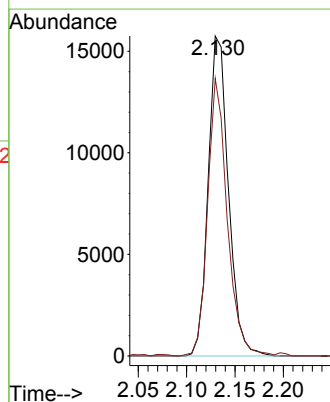
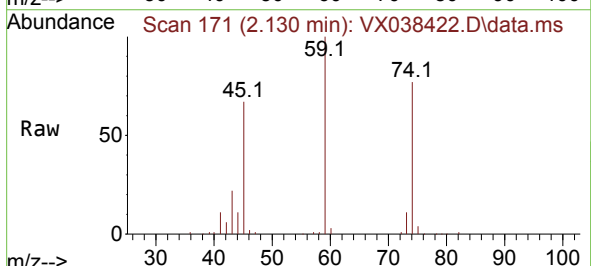
Instrument :  
 MSVOA\_X  
 ClientSampleId :

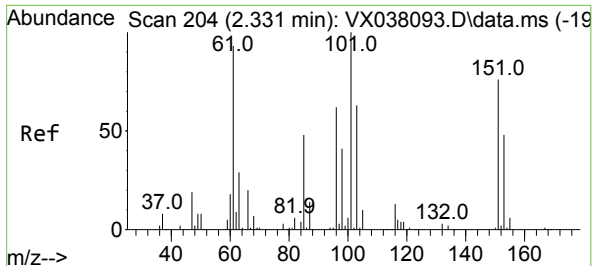
Tgt Ion:101 Resp: 65600  
 Ion Ratio Lower Upper  
 101 100  
 103 64.6 51.4 77.2



#8  
 Diethyl Ether  
 Concen: 18.065 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. -0.000 min  
 Lab File: VX038422.D  
 Acq: 23 Oct 2023 11:11

Tgt Ion: 74 Resp: 22978  
 Ion Ratio Lower Upper  
 74 100  
 45 84.0 53.3 159.8

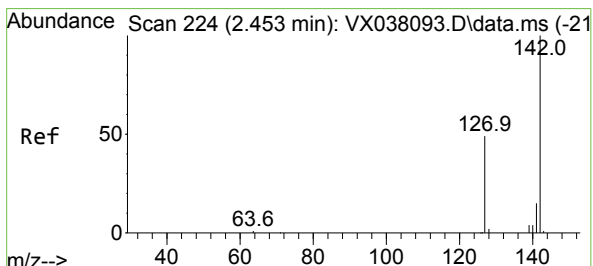
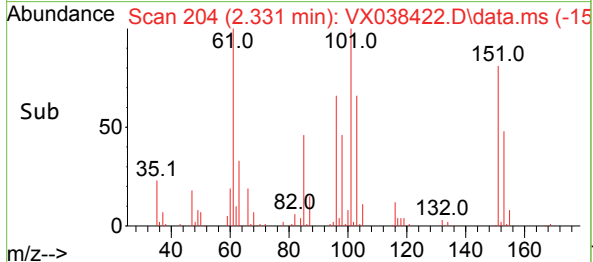
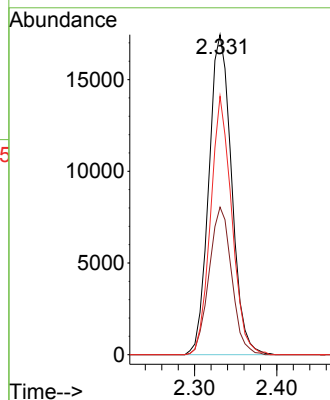
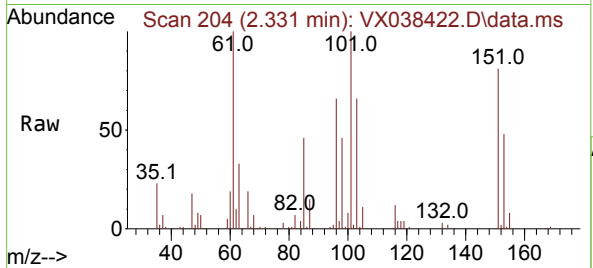




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 22.456 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.006 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

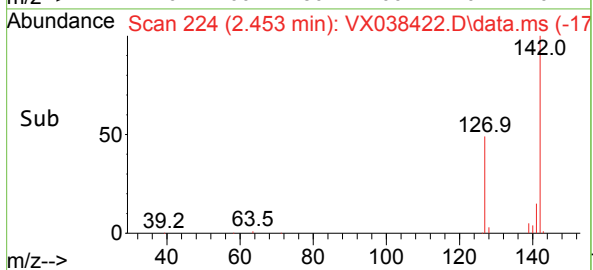
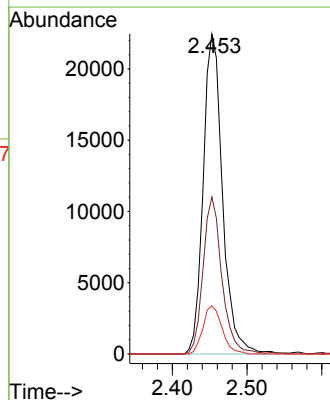
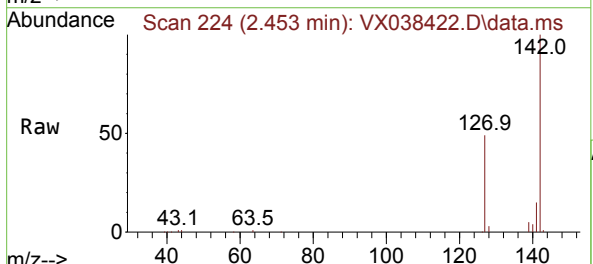
Instrument :  
MSVOA\_X  
ClientSampleId :

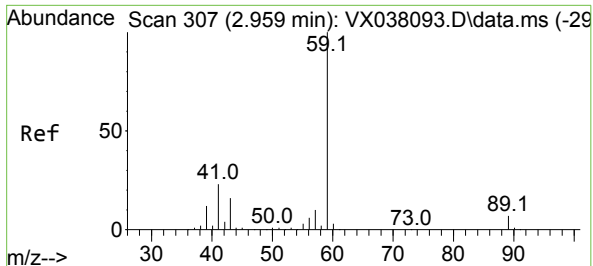
Tgt Ion:101 Resp: 33434  
Ion Ratio Lower Upper  
101 100  
85 45.8 37.0 55.6  
151 75.6 58.6 87.8



#10  
Methyl Iodide  
Concen: 18.834 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

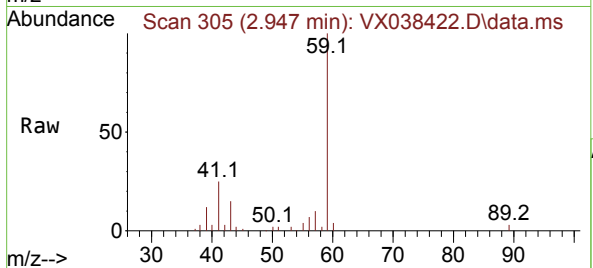
Tgt Ion:142 Resp: 40347  
Ion Ratio Lower Upper  
142 100  
127 47.6 41.6 62.4  
141 14.9 11.6 17.4



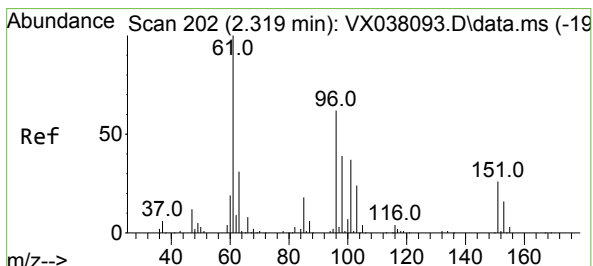
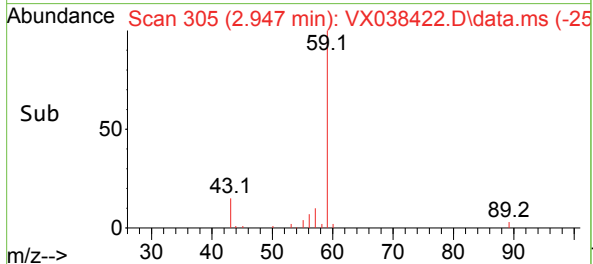
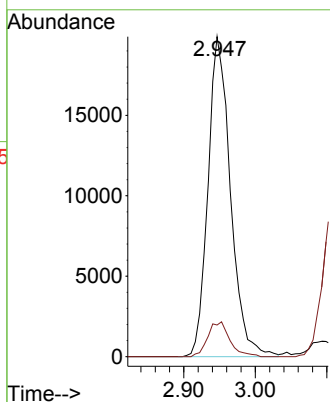


#11  
Tert butyl alcohol  
Concen: 69.464 ug/l  
RT: 2.947 min Scan# 307  
Delta R.T. -0.012 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Instrument :  
MSVOA\_X  
ClientSampleId :

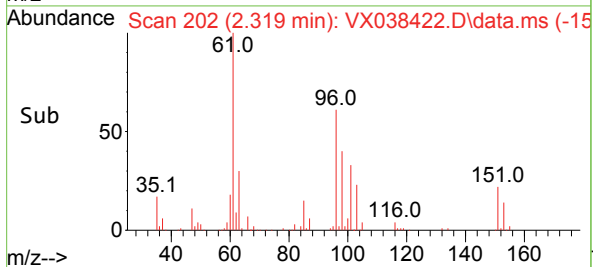
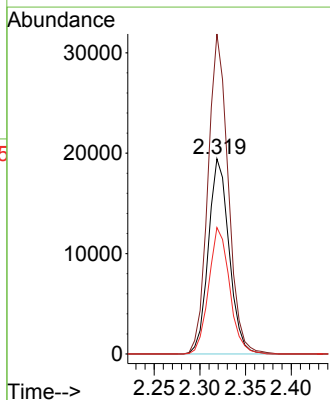
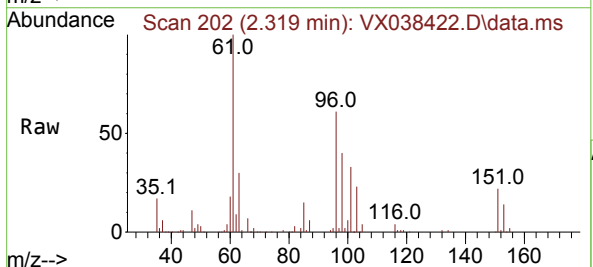


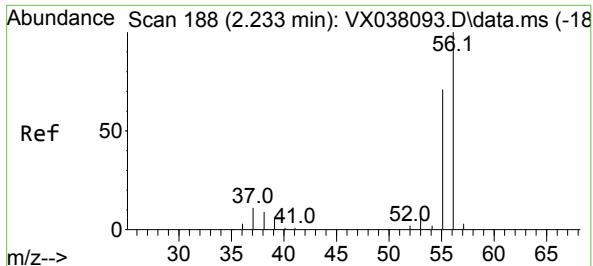
Tgt Ion: 59 Resp: 43542  
Ion Ratio Lower Upper  
59 100  
57 10.7 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 21.126 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Tgt Ion: 96 Resp: 30596  
Ion Ratio Lower Upper  
96 100  
61 163.9 144.6 216.8  
98 64.8 50.4 75.6





#13

Acrolein

Concen: 102.665 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

Instrument :

MSVOA\_X

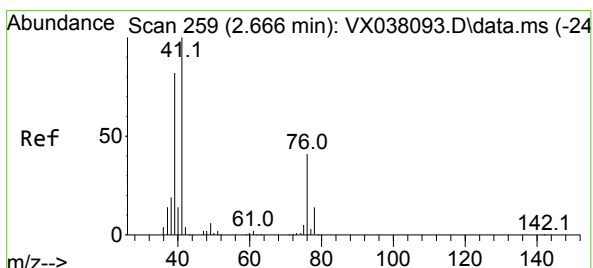
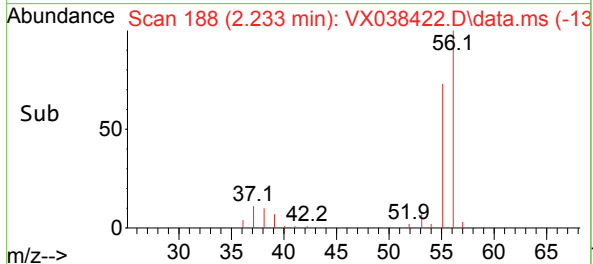
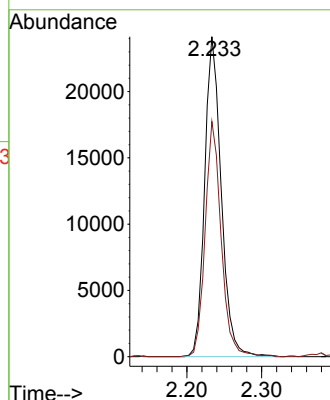
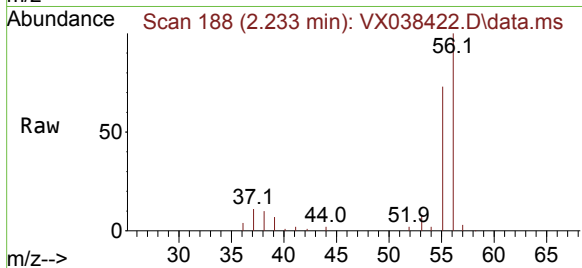
ClientSampleId :

Tgt Ion: 56 Resp: 37159

Ion Ratio Lower Upper

56 100

55 71.2 57.1 85.7



#14

Allyl chloride

Concen: 18.559 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

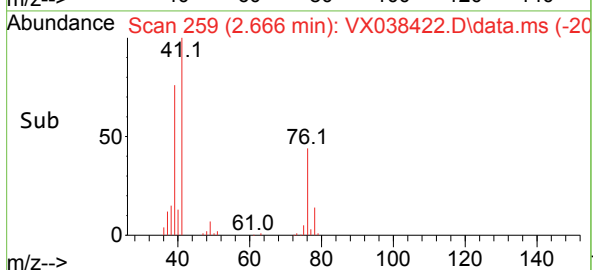
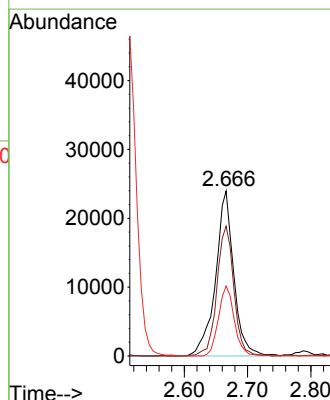
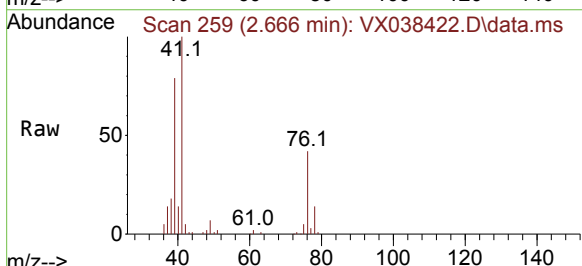
Tgt Ion: 41 Resp: 48075

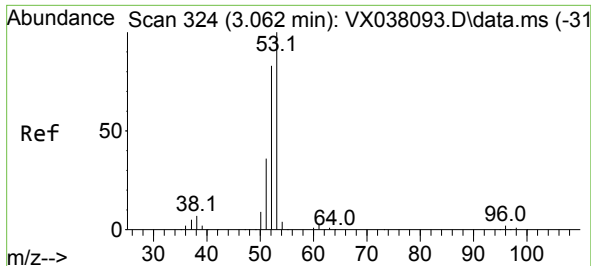
Ion Ratio Lower Upper

41 100

39 72.6 55.8 83.6

76 36.6 24.3 36.5#

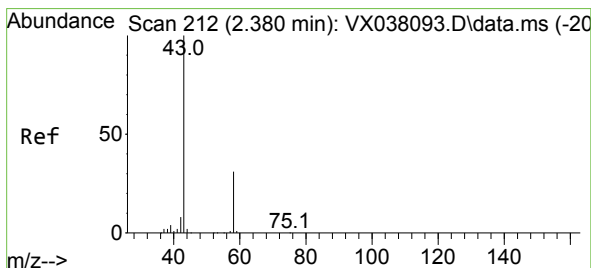
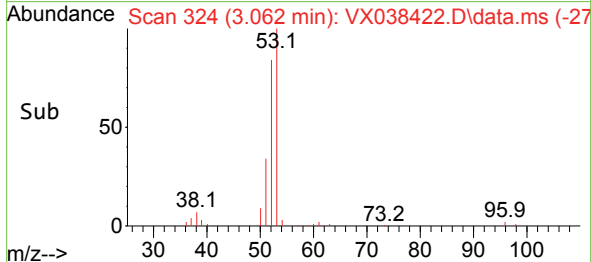
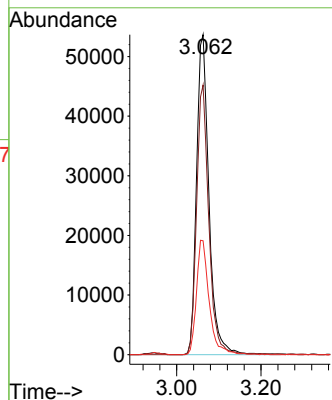
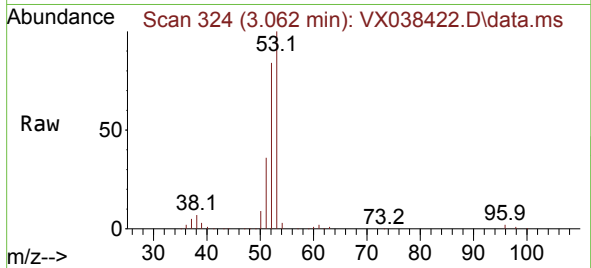




#15  
Acrylonitrile  
Concen: 95.015 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

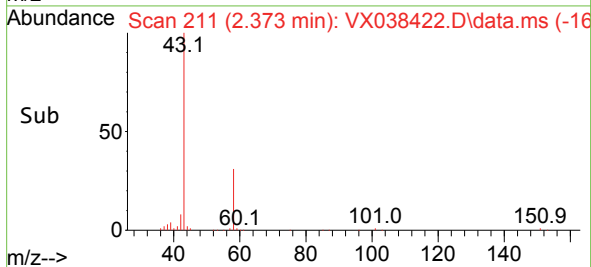
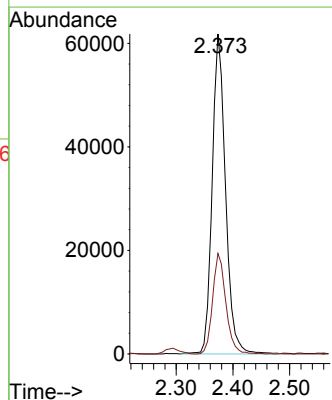
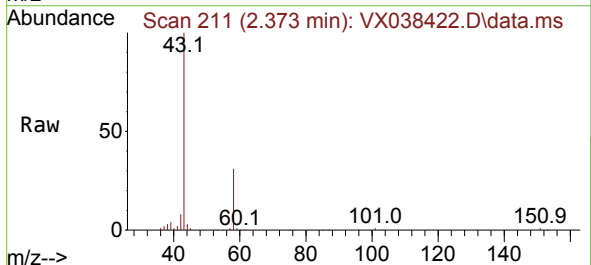
Instrument :  
MSVOA\_X  
ClientSampleId :

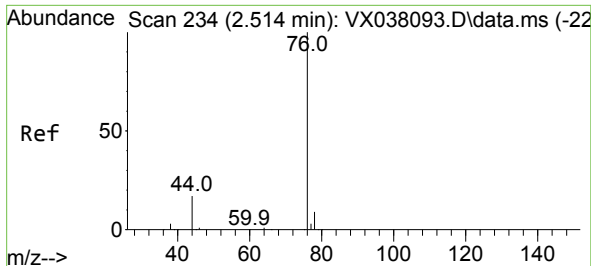
Tgt Ion: 53 Resp: 110089  
Ion Ratio Lower Upper  
53 100  
52 82.7 66.0 99.0  
51 36.7 29.8 44.6



#16  
Acetone  
Concen: 95.073 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.007 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

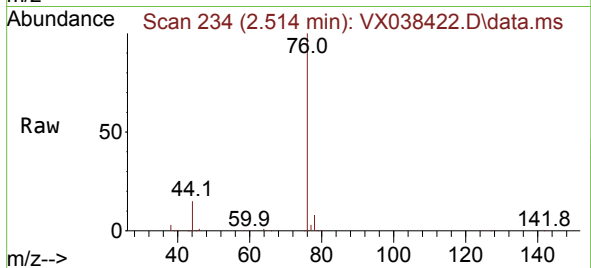
Tgt Ion: 43 Resp: 101023  
Ion Ratio Lower Upper  
43 100  
58 31.3 21.9 32.9



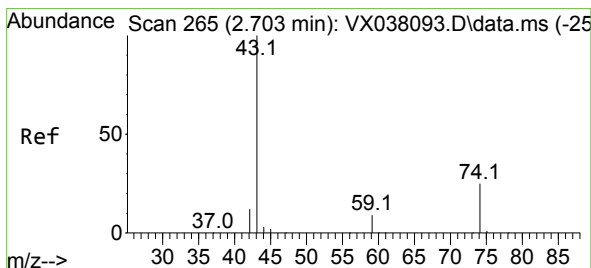
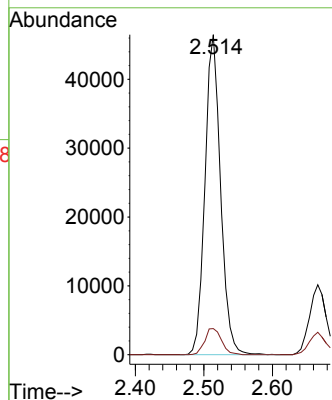
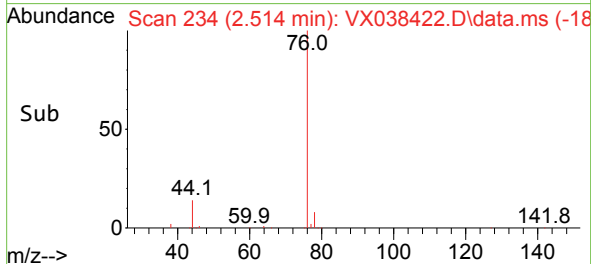


#17  
Carbon Disulfide  
Concen: 17.643 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Instrument :  
MSVOA\_X  
ClientSampleId :

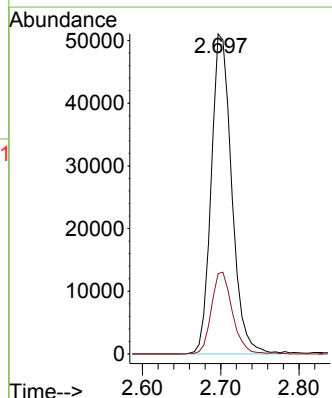
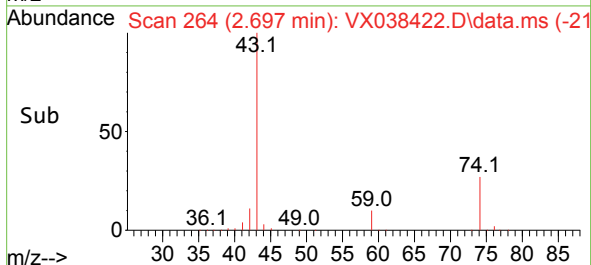
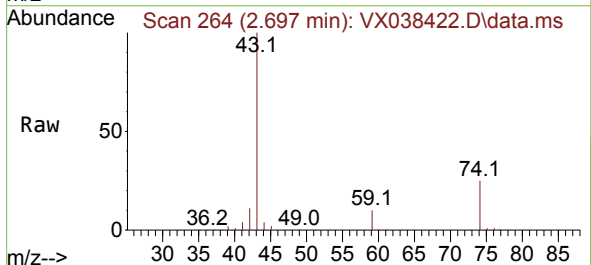


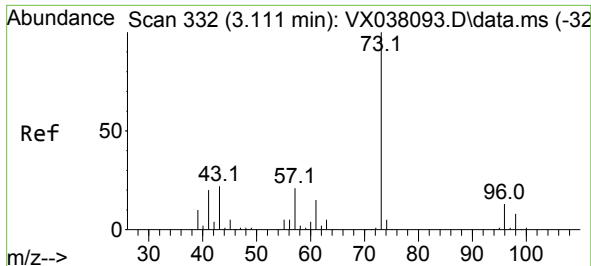
Tgt Ion: 76 Resp: 73643  
Ion Ratio Lower Upper  
76 100  
78 8.2 7.0 10.6



#18  
Methyl Acetate  
Concen: 20.384 ug/l  
RT: 2.697 min Scan# 264  
Delta R.T. -0.006 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Tgt Ion: 43 Resp: 92883  
Ion Ratio Lower Upper  
43 100  
74 26.2 17.8 26.8

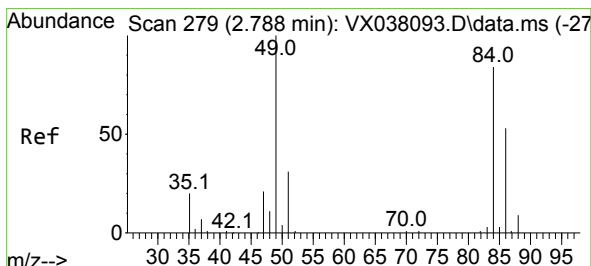
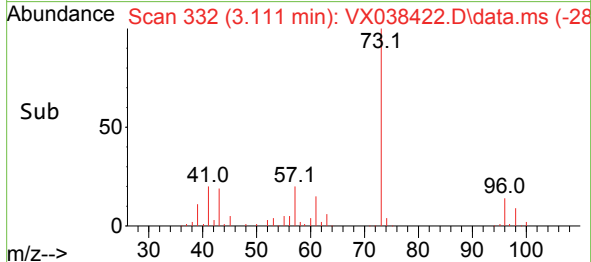
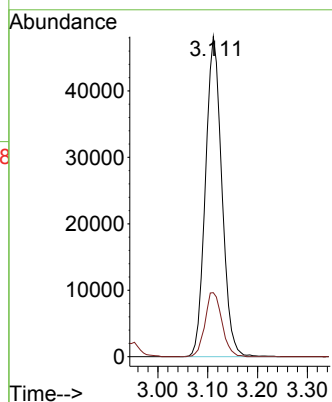
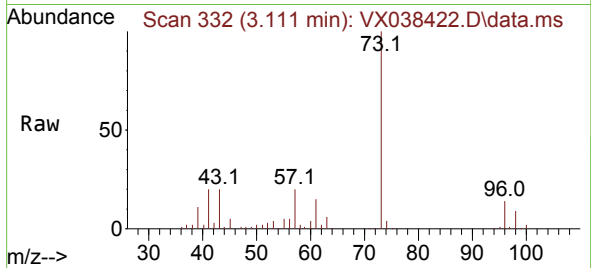




#19  
Methyl tert-butyl Ether  
Concen: 19.061 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

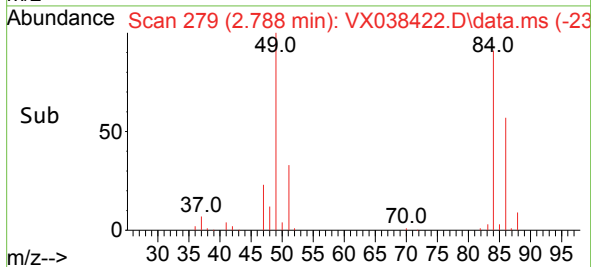
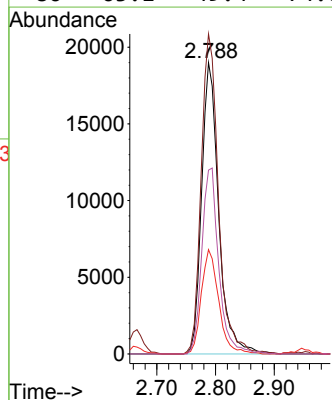
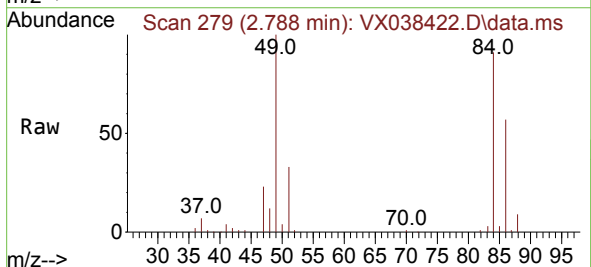
Instrument :  
MSVOA\_X  
ClientSampleId :

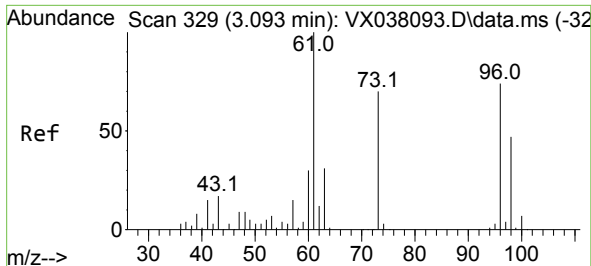
Tgt Ion: 73 Resp: 109943  
Ion Ratio Lower Upper  
73 100  
57 20.0 17.3 25.9



#20  
Methylene Chloride  
Concen: 19.149 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Tgt Ion: 84 Resp: 38273  
Ion Ratio Lower Upper  
84 100  
49 109.9 103.6 155.4  
51 35.8 33.8 50.6  
86 63.1 49.4 74.0

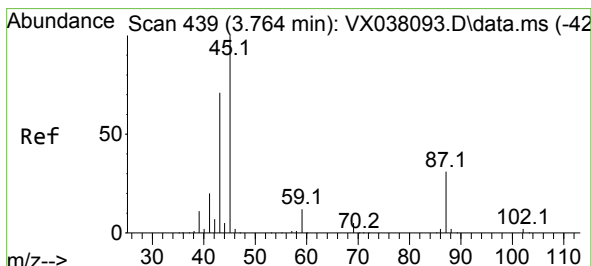
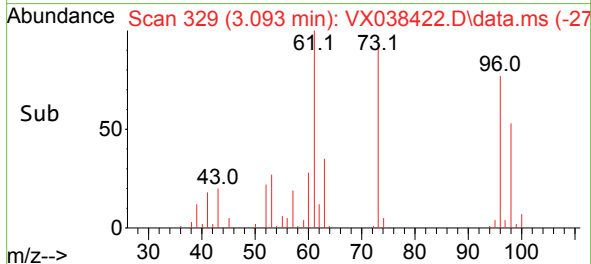
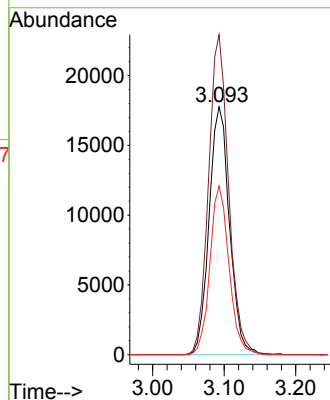
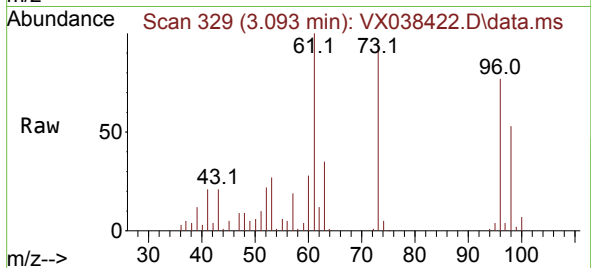




#21  
trans-1,2-Dichloroethene  
Concen: 19.631 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

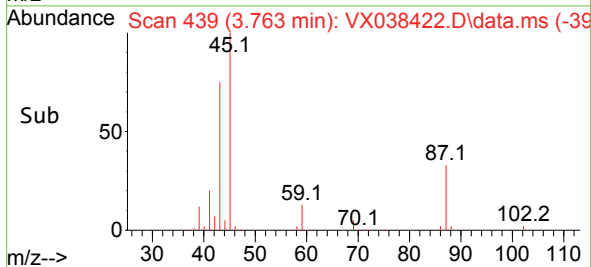
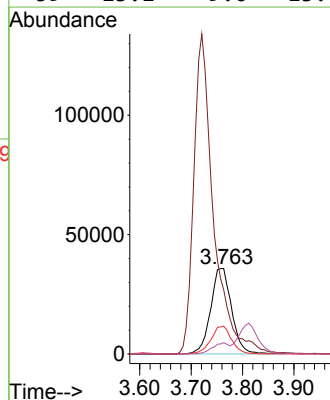
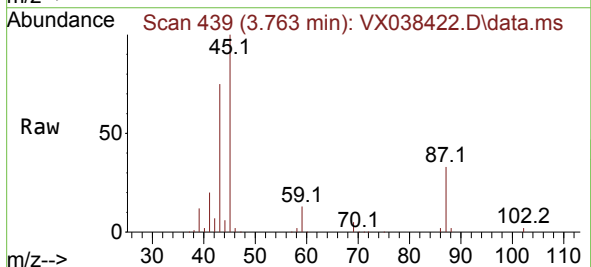
Instrument :  
MSVOA\_X  
ClientSampleId :

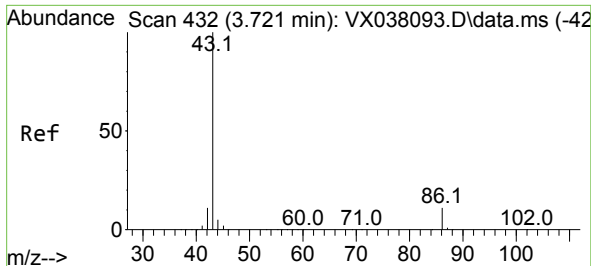
Tgt Ion: 96 Resp: 35201  
Ion Ratio Lower Upper  
96 100  
61 129.1 119.2 178.8  
98 68.0 48.7 73.1



#22  
Diisopropyl ether  
Concen: 18.705 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. -0.001 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Tgt Ion: 45 Resp: 101549  
Ion Ratio Lower Upper  
45 100  
43 73.7 69.7 104.5  
87 32.7 20.8 31.2#  
59 13.1 9.0 13.4

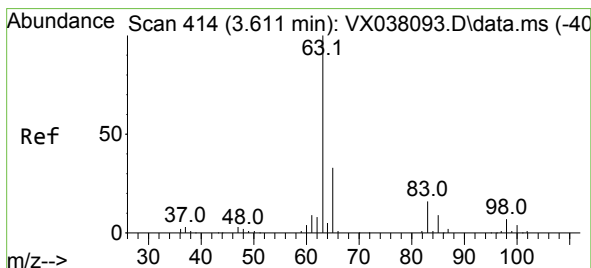
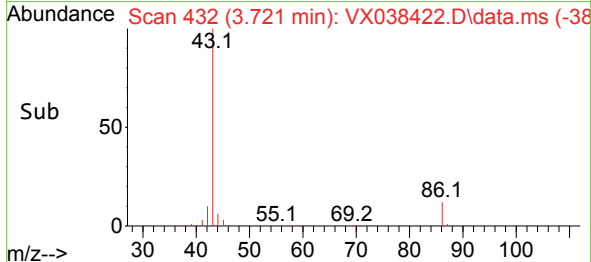
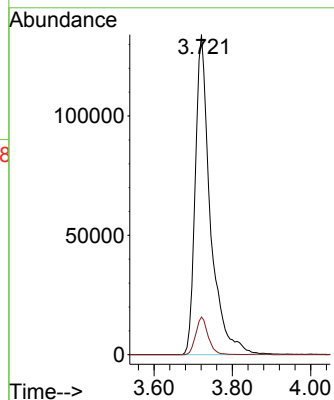
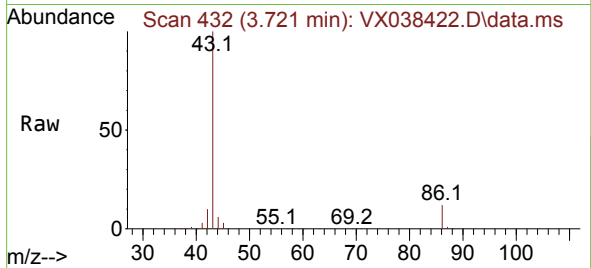




#23  
 Vinyl Acetate  
 Concen: 90.605 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX038422.D  
 Acq: 23 Oct 2023 11:11

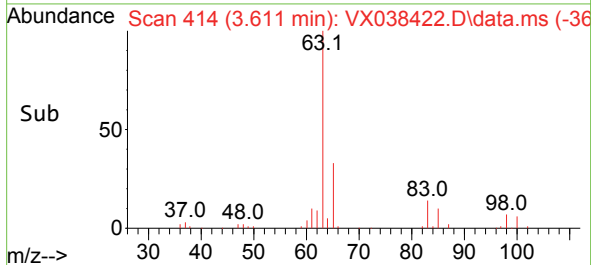
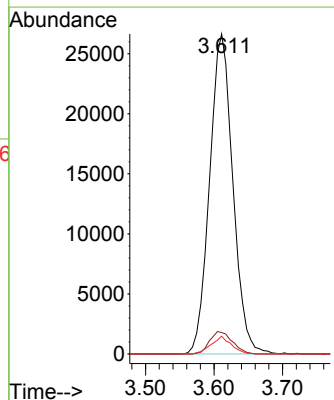
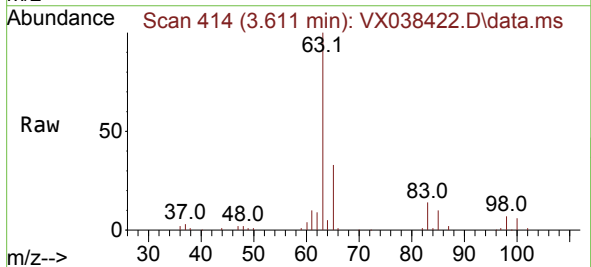
Instrument :  
 MSVOA\_X  
 ClientSampleId :

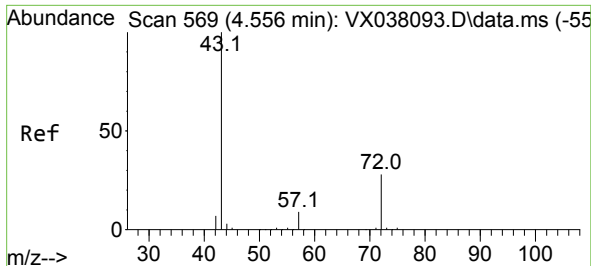
Tgt Ion: 43 Resp: 360737  
 Ion Ratio Lower Upper  
 43 100  
 86 11.7 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 19.033 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX038422.D  
 Acq: 23 Oct 2023 11:11

Tgt Ion: 63 Resp: 62711  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.3 9.8  
 100 5.6 2.1 6.5

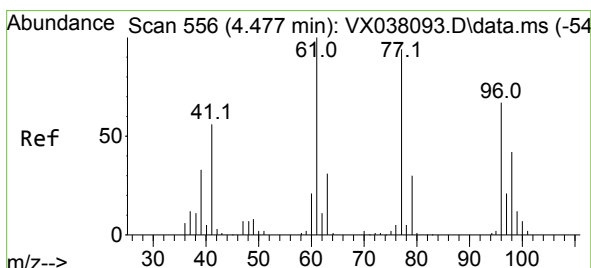
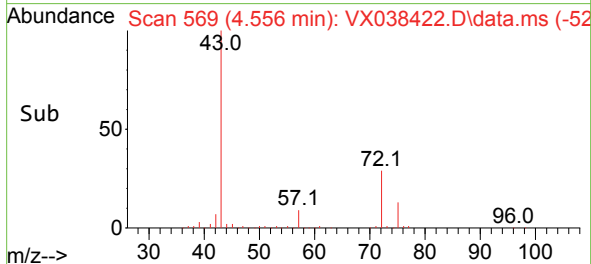
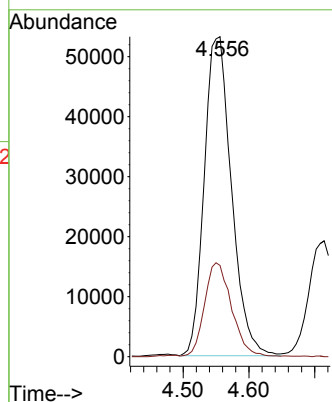
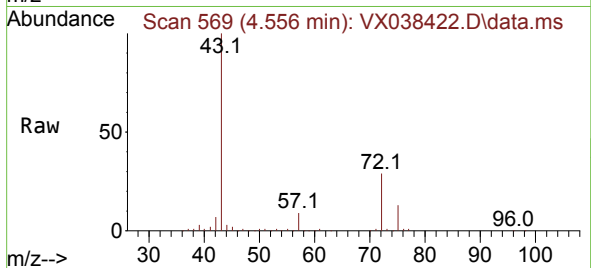




#25  
2-Butanone  
Concen: 89.286 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. 0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

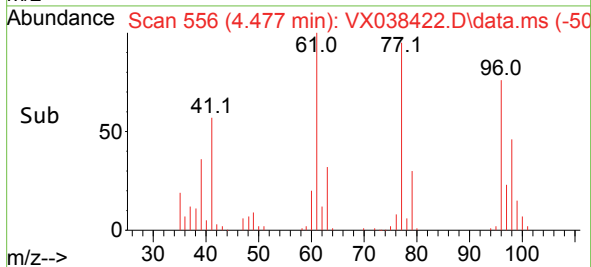
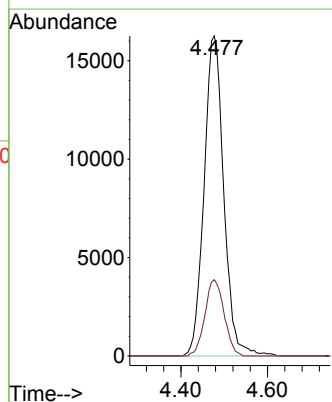
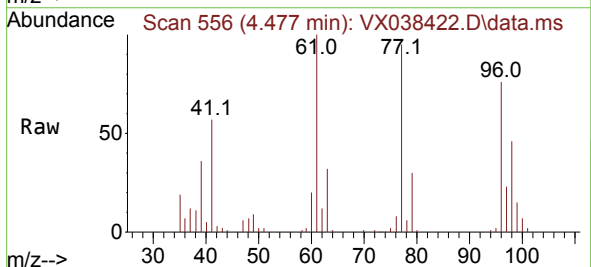
Instrument :  
MSVOA\_X  
ClientSampleId :

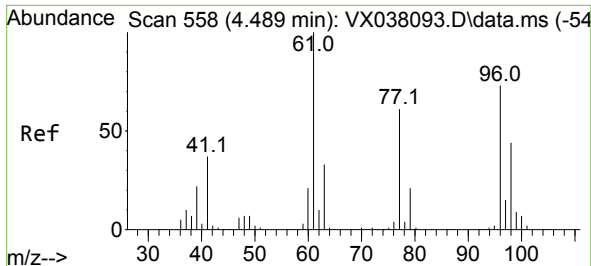
Tgt Ion: 43 Resp: 153077  
Ion Ratio Lower Upper  
43 100  
72 28.4 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 19.939 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. -0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Tgt Ion: 77 Resp: 51290  
Ion Ratio Lower Upper  
77 100  
97 23.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.705 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

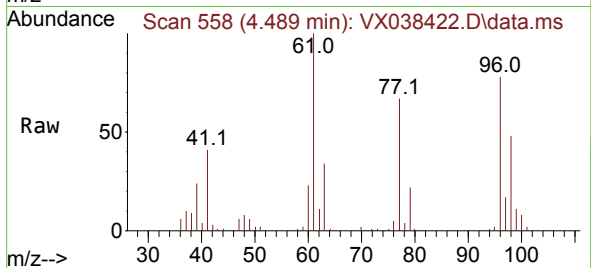
Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

Instrument :

MSVOA\_X

ClientSampleId :



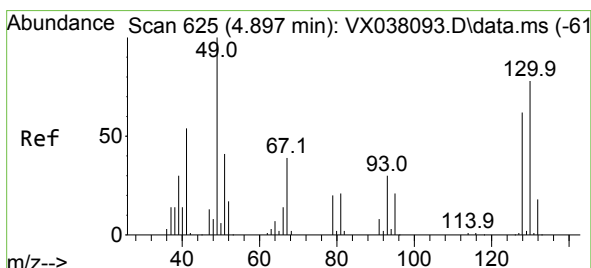
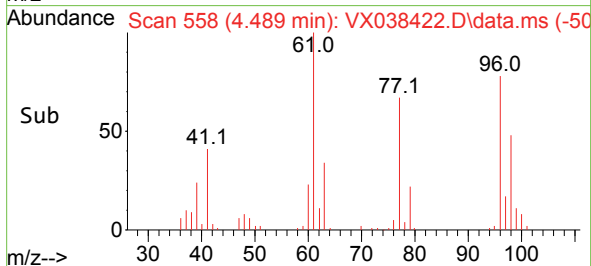
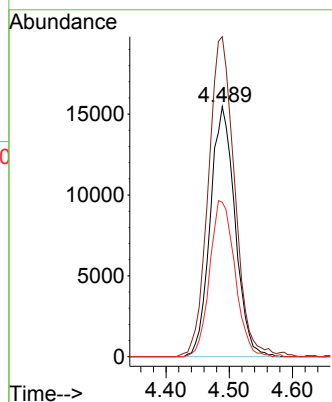
Tgt Ion: 96 Resp: 42081

Ion Ratio Lower Upper

96 100

61 135.7 0.0 312.2

98 63.4 0.0 129.0



#28

Bromochloromethane

Concen: 18.962 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

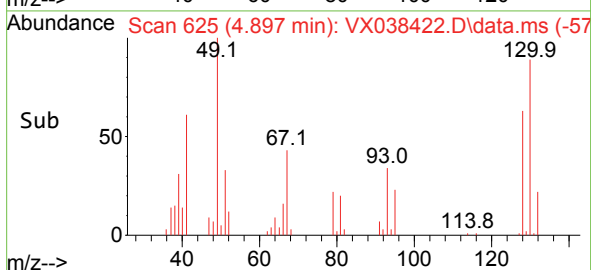
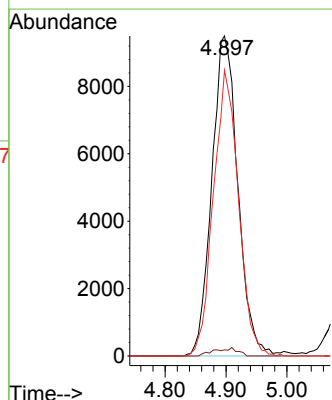
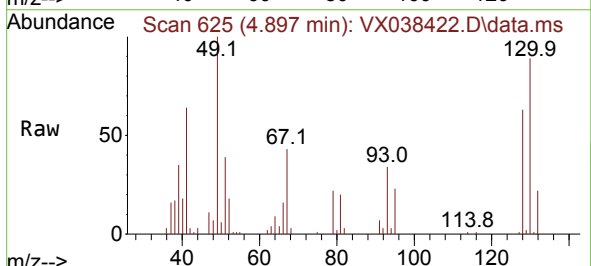
Tgt Ion: 49 Resp: 28204

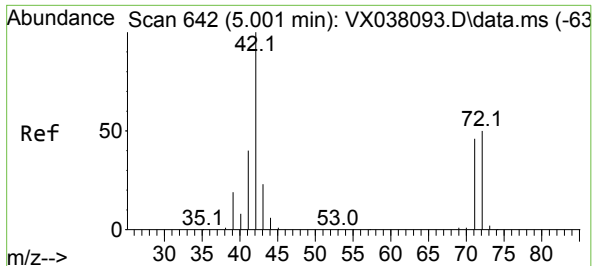
Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.8

130 85.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 87.895 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

Instrument :

MSVOA\_X

ClientSampleId :

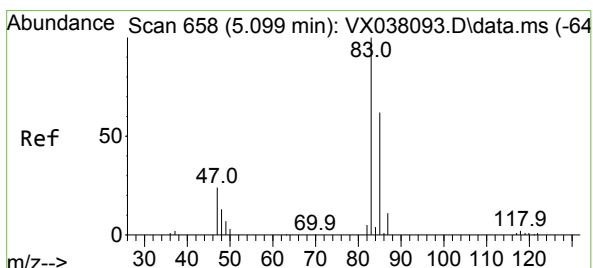
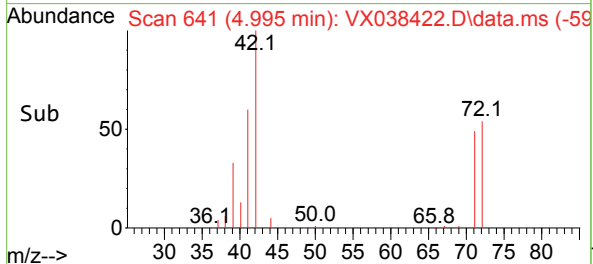
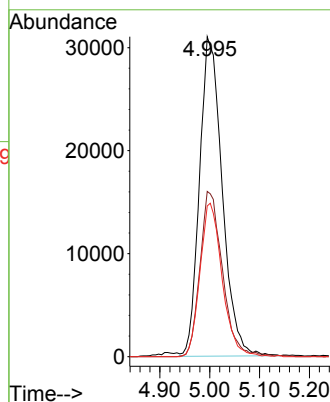
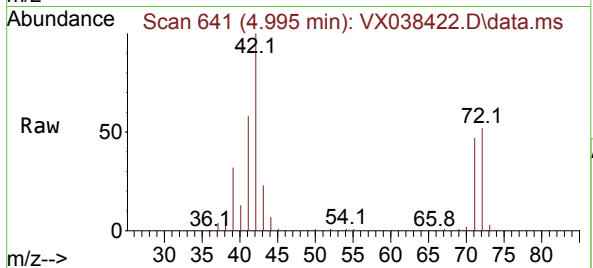
Tgt Ion: 42 Resp: 98110

Ion Ratio Lower Upper

42 100

72 51.2 34.2 51.4

71 46.9 32.2 48.2



#30

Chloroform

Concen: 19.681 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX038422.D

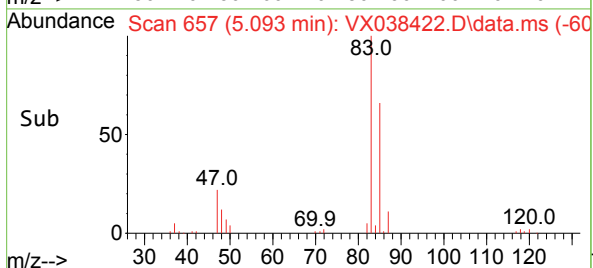
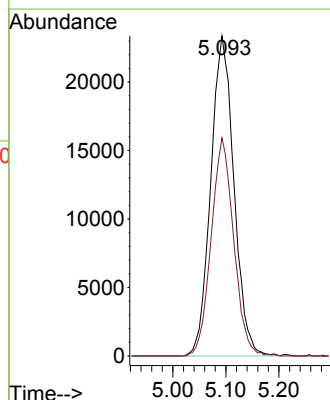
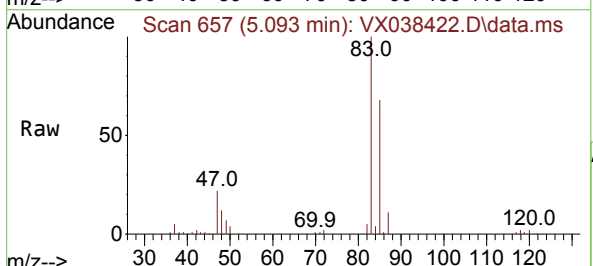
Acq: 23 Oct 2023 11:11

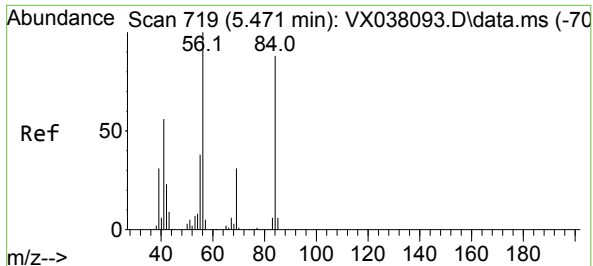
Tgt Ion: 83 Resp: 70910

Ion Ratio Lower Upper

83 100

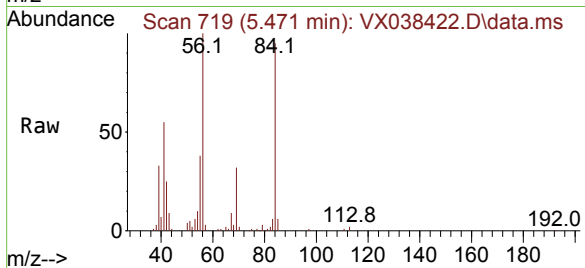
85 68.1 50.3 75.5



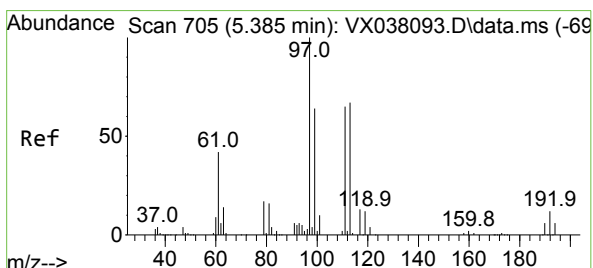
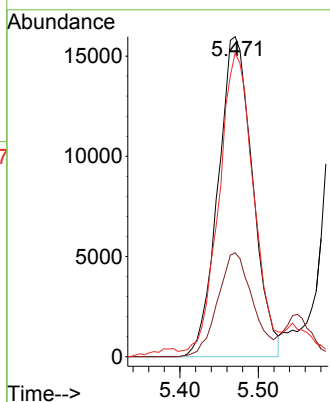
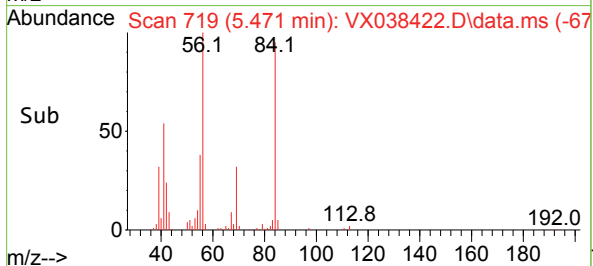


#31  
Cyclohexane  
Concen: 17.749 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Instrument :  
MSVOA\_X  
ClientSampleId :

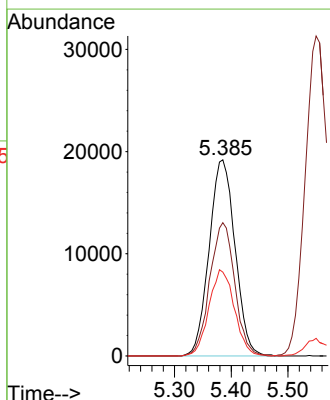
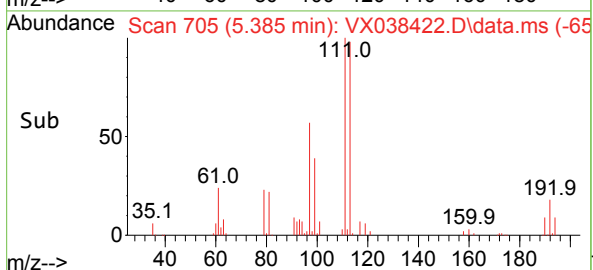
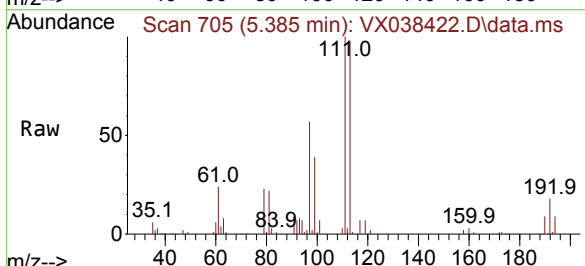


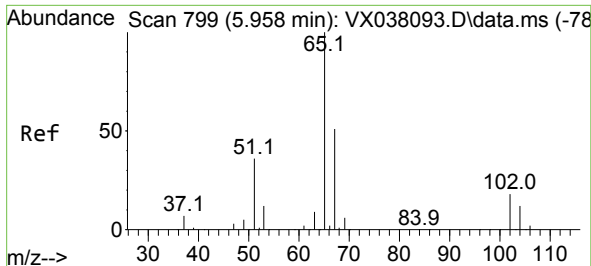
Tgt Ion: 56 Resp: 48960  
Ion Ratio Lower Upper  
56 100  
69 32.4 23.4 35.2  
84 93.2 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 19.740 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Tgt Ion: 97 Resp: 60917  
Ion Ratio Lower Upper  
97 100  
99 65.4 51.1 76.7  
61 43.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.084 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

Instrument :

MSVOA\_X

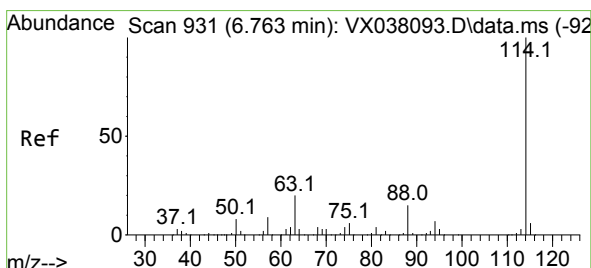
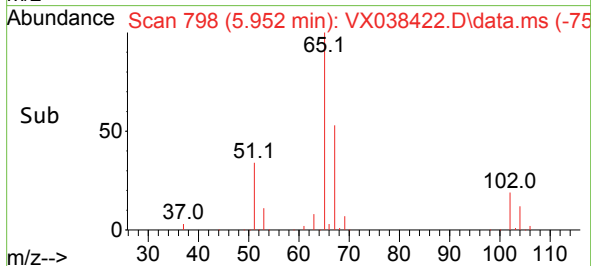
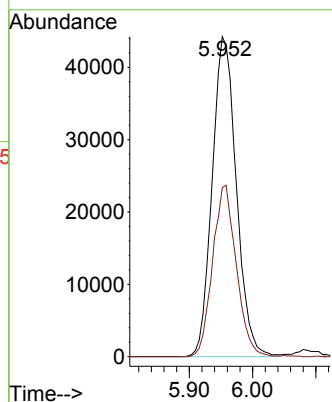
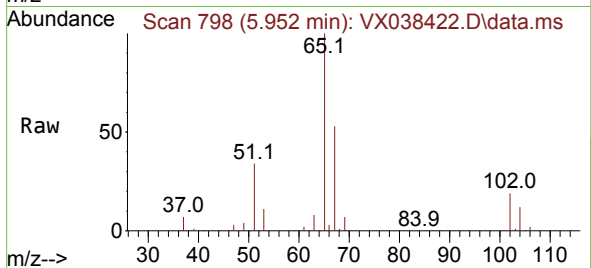
ClientSampleId :

Tgt Ion: 65 Resp: 117332

Ion Ratio Lower Upper

65 100

67 52.5 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: VX038422.D

Acq: 23 Oct 2023 11:11

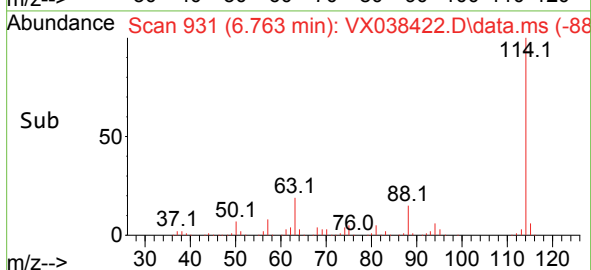
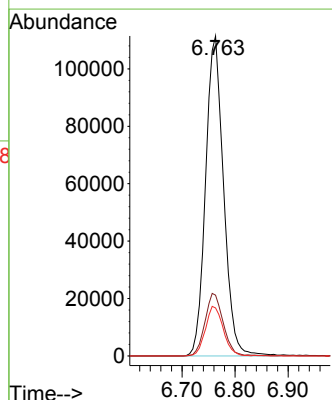
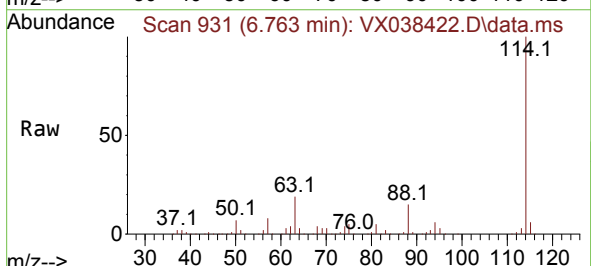
Tgt Ion:114 Resp: 262538

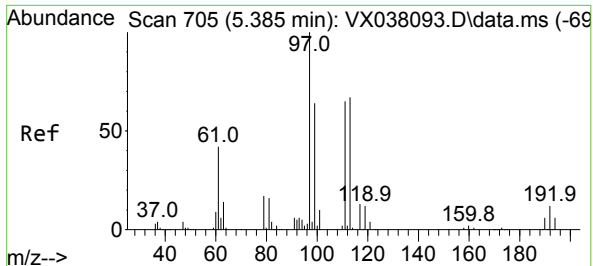
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

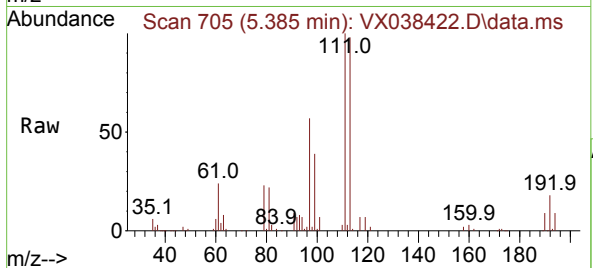
88 15.0 0.0 36.6



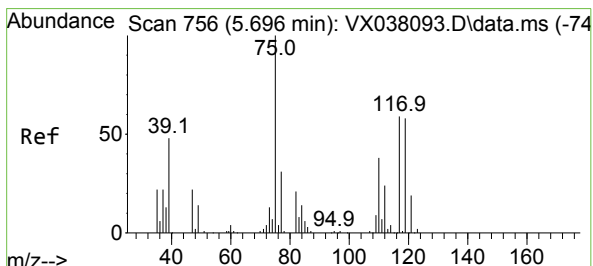
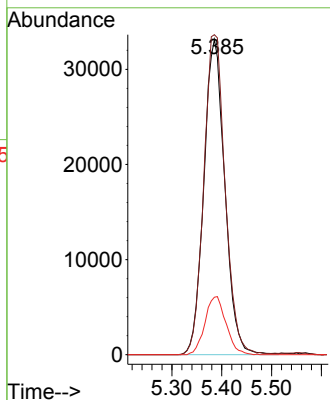
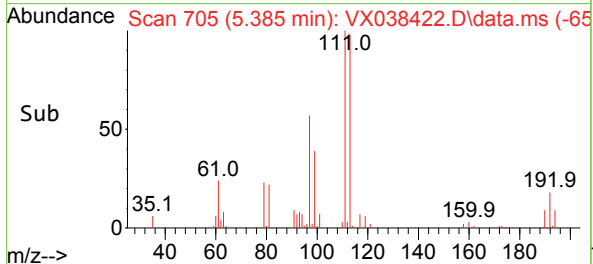


#35  
Dibromofluoromethane  
Concen: 51.239 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Instrument :  
MSVOA\_X  
ClientSampleId :

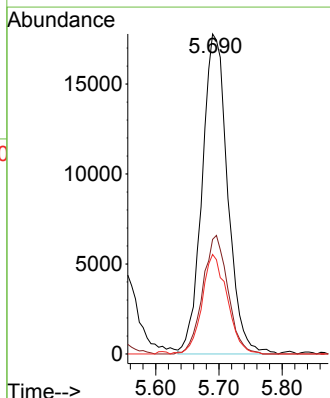
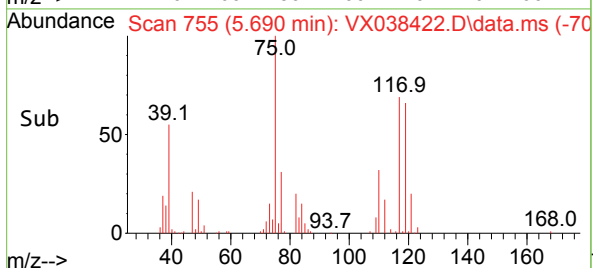
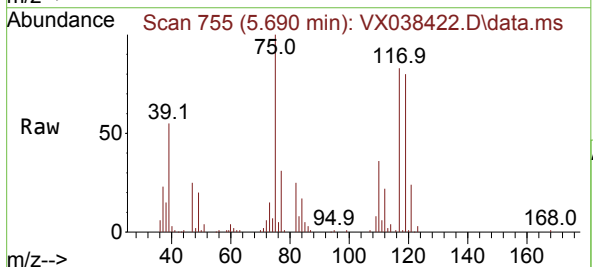


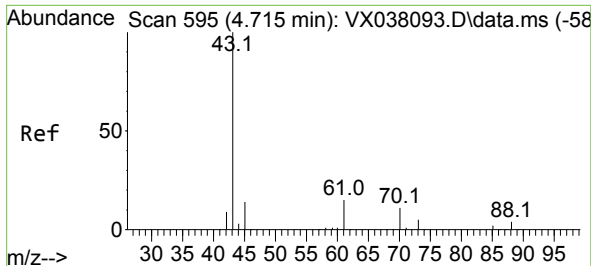
Tgt Ion:113 Resp: 96931  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.9 124.3  
192 18.5 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 19.182 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Tgt Ion: 75 Resp: 50041  
Ion Ratio Lower Upper  
75 100  
110 36.4 17.0 50.9  
77 30.6 24.7 37.1





#37

Ethyl Acetate

Concen: 18.529 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

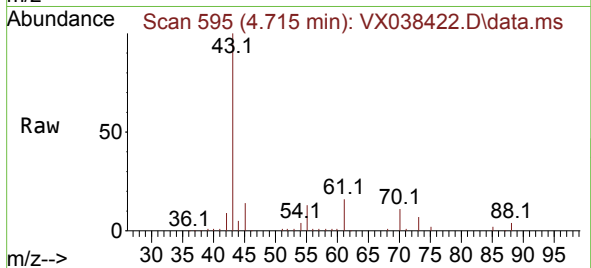
Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

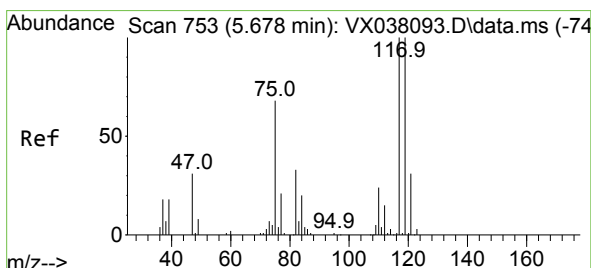
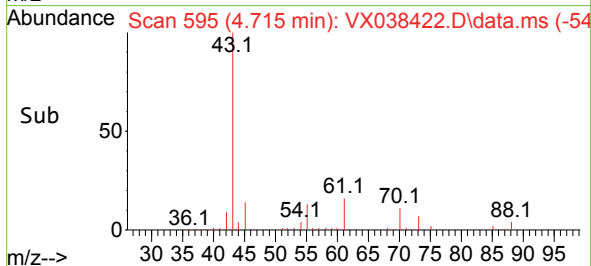
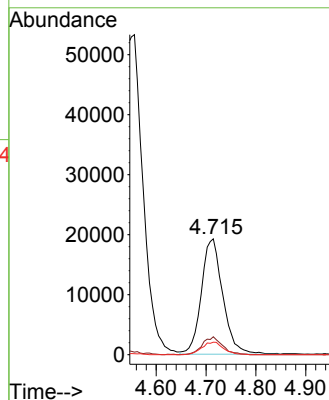
Instrument :

MSVOA\_X

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 57405 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 14.5  | 10.6  | 16.0  |
| 70       | 11.0  | 8.3   | 12.5  |



#38

Carbon Tetrachloride

Concen: 20.296 ug/l

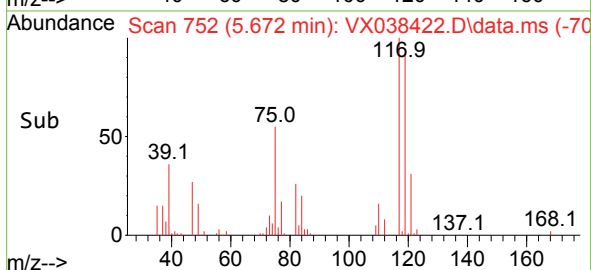
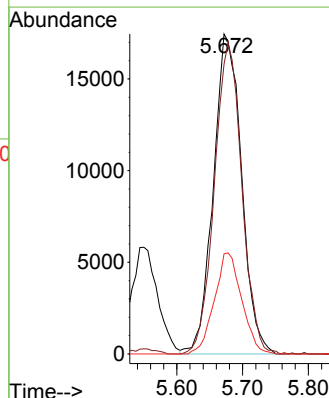
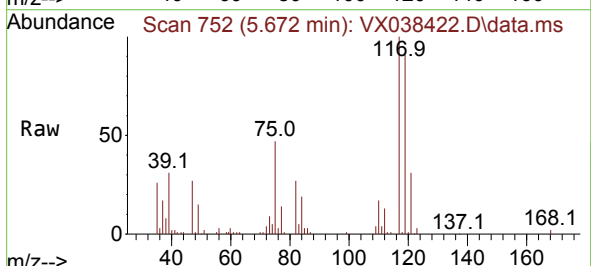
RT: 5.672 min Scan# 752

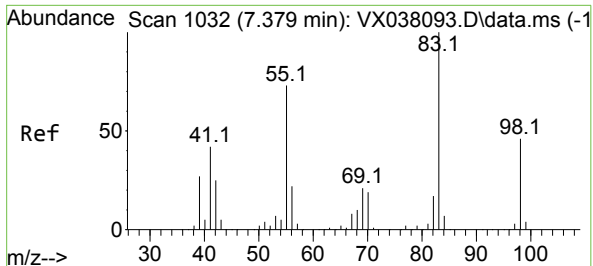
Delta R.T. -0.006 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 52086 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 90.6  | 78.2  | 117.2 |
| 121      | 31.3  | 24.4  | 36.6  |





#39

Methylcyclohexane

Concen: 19.194 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

Instrument :

MSVOA\_X

ClientSampleId :

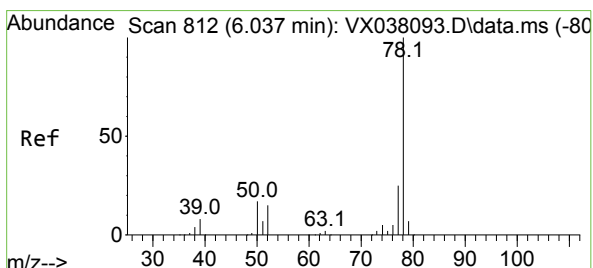
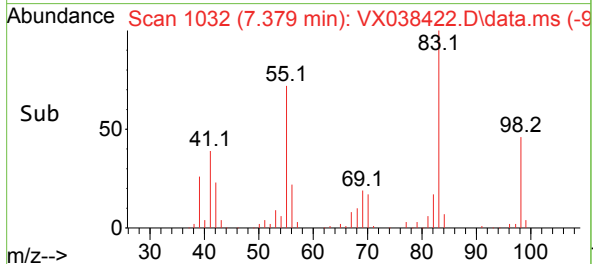
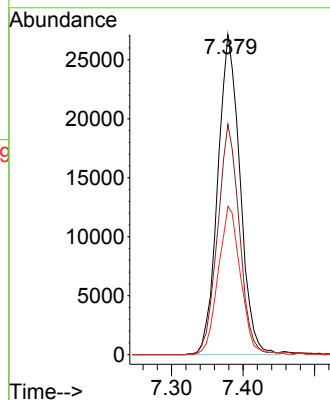
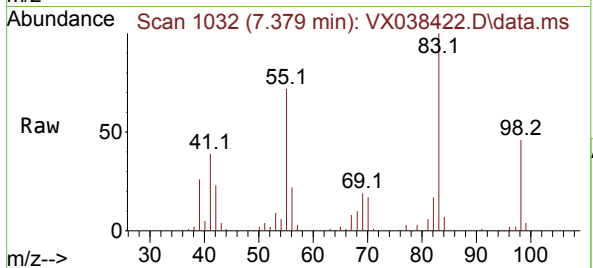
Tgt Ion: 83 Resp: 58650

Ion Ratio Lower Upper

83 100

55 72.0 64.6 97.0

98 46.4 36.7 55.1



#40

Benzene

Concen: 19.932 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.001 min

Lab File: VX038422.D

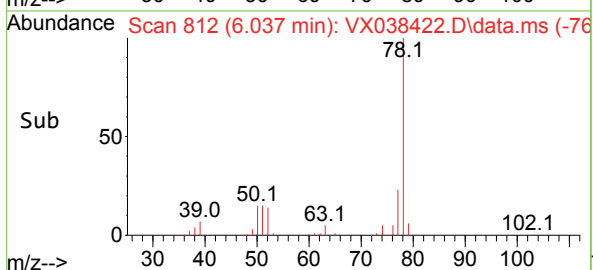
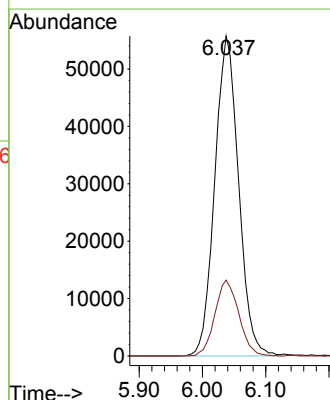
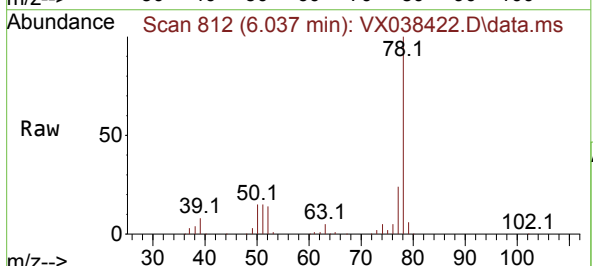
Acq: 23 Oct 2023 11:11

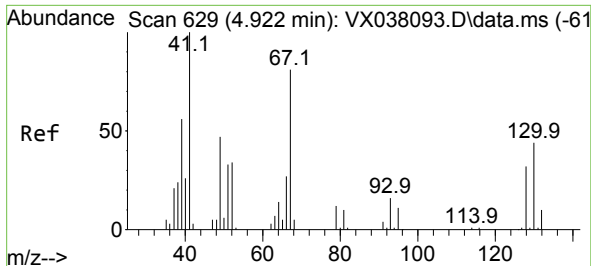
Tgt Ion: 78 Resp: 145430

Ion Ratio Lower Upper

78 100

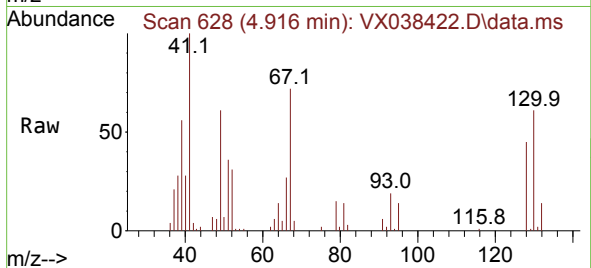
77 23.7 19.3 28.9



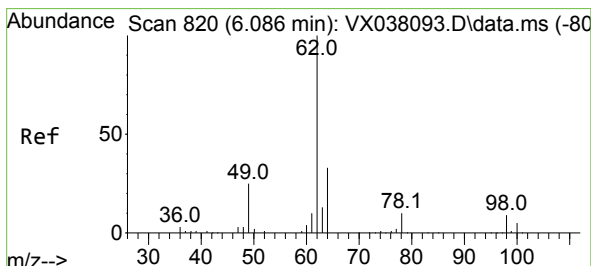
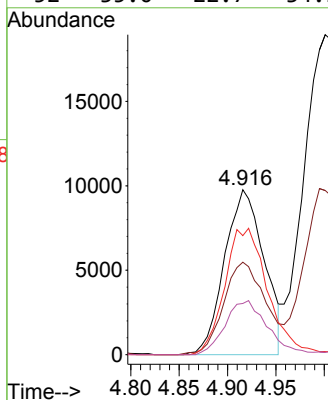
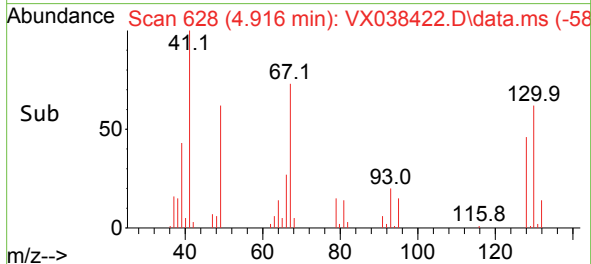


#41  
Methacrylonitrile  
Concen: 17.996 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Instrument :  
MSVOA\_X  
ClientSampleId :

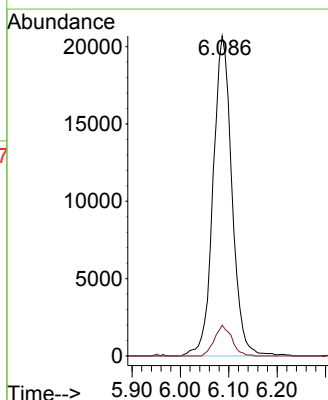
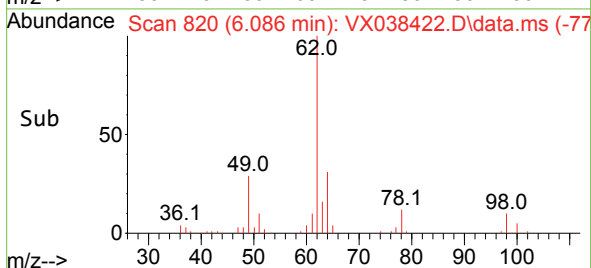
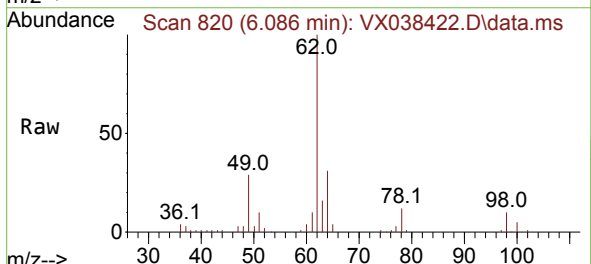


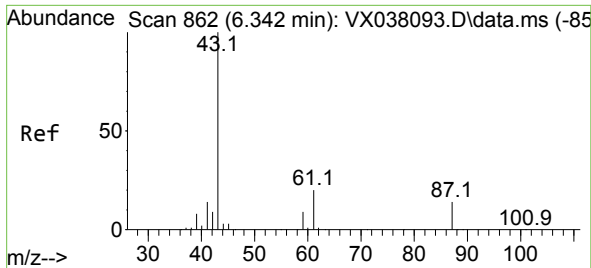
Tgt Ion: 41 Resp: 27736  
Ion Ratio Lower Upper  
41 100  
39 60.5 45.2 67.8  
67 84.2 52.6 78.8#  
52 35.0 22.7 34.1#



#42  
1,2-Dichloroethane  
Concen: 19.203 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Tgt Ion: 62 Resp: 55981  
Ion Ratio Lower Upper  
62 100  
98 8.8 0.0 16.0

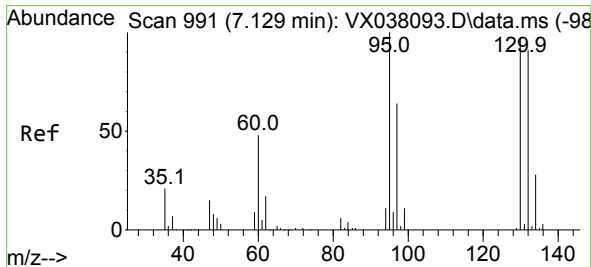
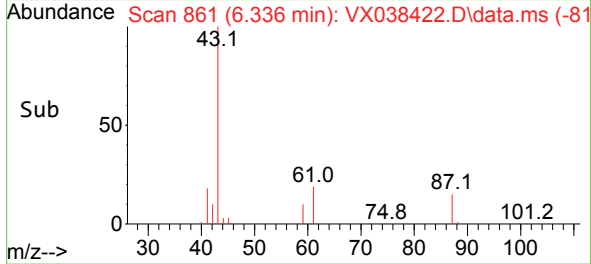
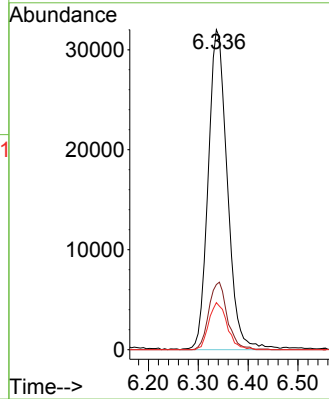
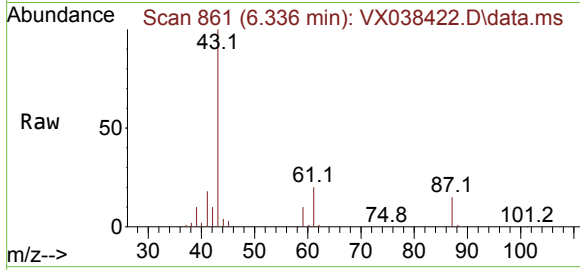




#43  
Isopropyl Acetate  
Concen: 18.443 ug/l  
RT: 6.336 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

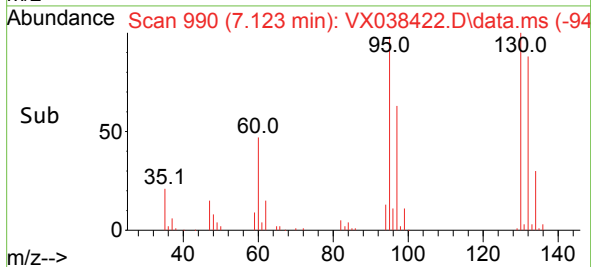
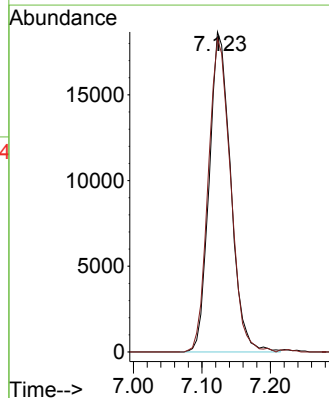
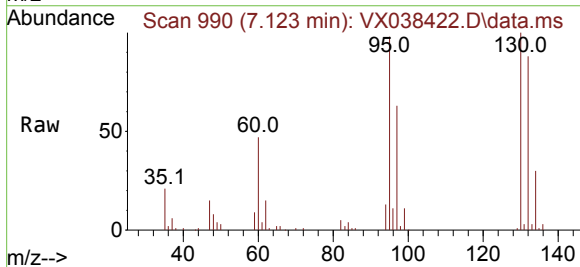
Instrument :  
MSVOA\_X  
ClientSampleId :

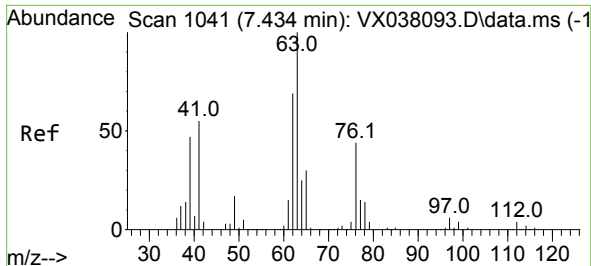
Tgt Ion: 43 Resp: 85300  
Ion Ratio Lower Upper  
43 100  
61 20.4 15.2 22.8  
87 14.1 9.8 14.6



#44  
Trichloroethene  
Concen: 21.314 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Tgt Ion:130 Resp: 40676  
Ion Ratio Lower Upper  
130 100  
95 97.8 0.0 204.4

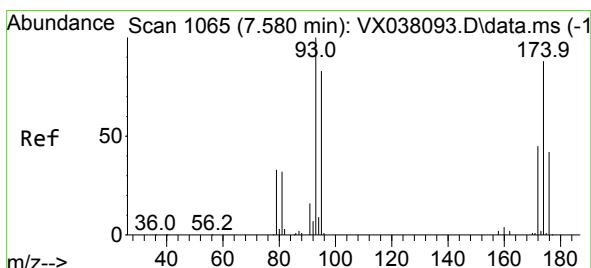
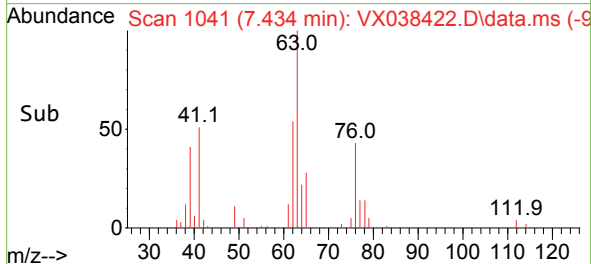
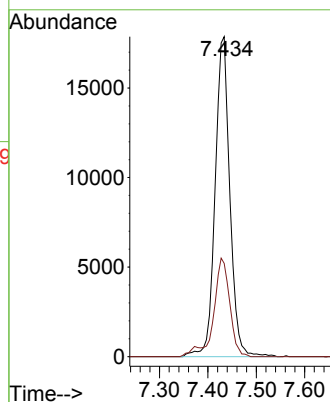
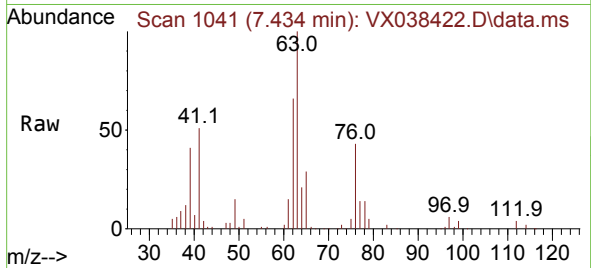




#45  
1,2-Dichloropropane  
Concen: 19.990 ug/l  
RT: 7.434 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

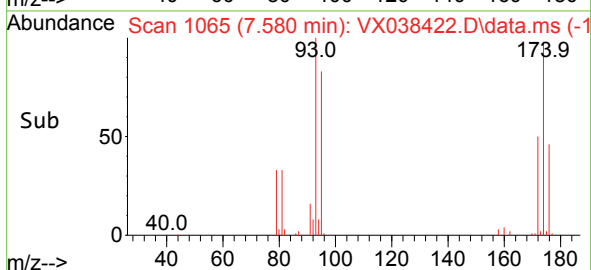
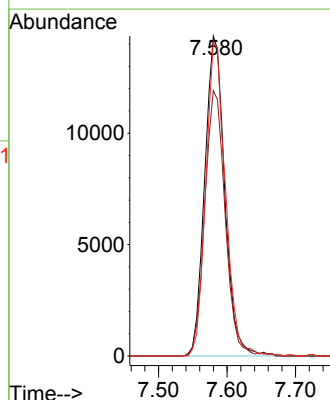
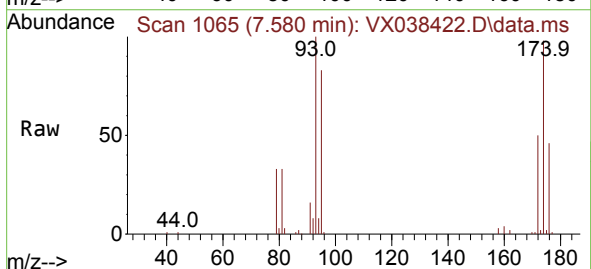
Instrument :  
MSVOA\_X  
ClientSampleId :

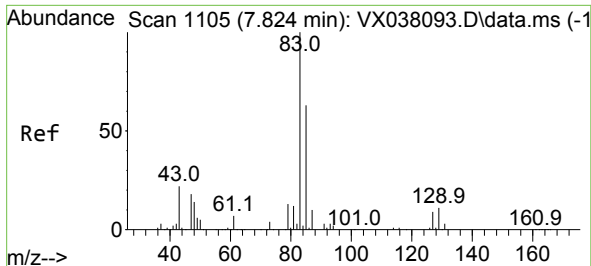
Tgt Ion: 63 Resp: 37750  
Ion Ratio Lower Upper  
63 100  
65 29.1 24.3 36.5



#46  
Dibromomethane  
Concen: 19.956 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Tgt Ion: 93 Resp: 29228  
Ion Ratio Lower Upper  
93 100  
95 84.4 66.6 100.0  
174 96.0 69.4 104.0

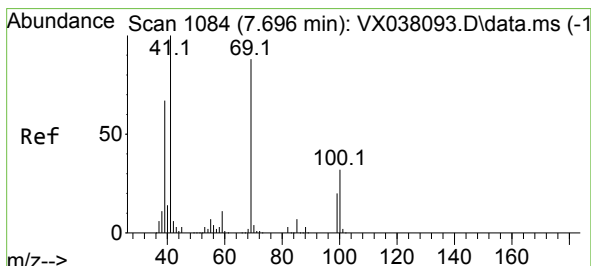
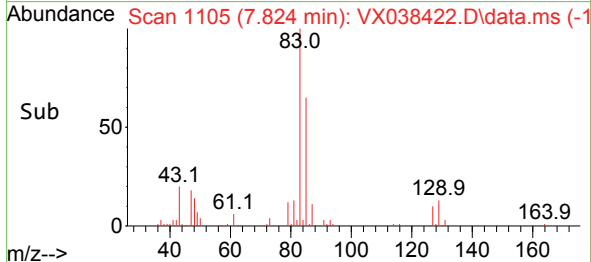
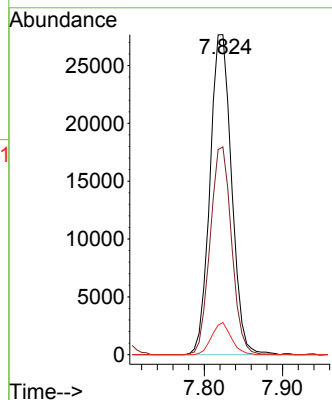
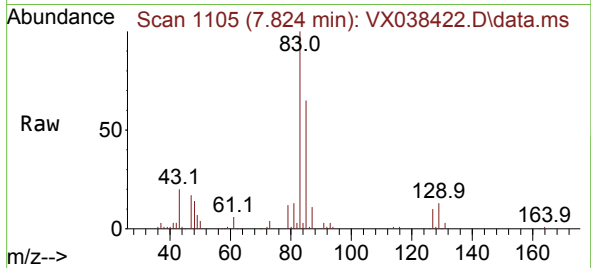




#47  
Bromodichloromethane  
Concen: 20.377 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

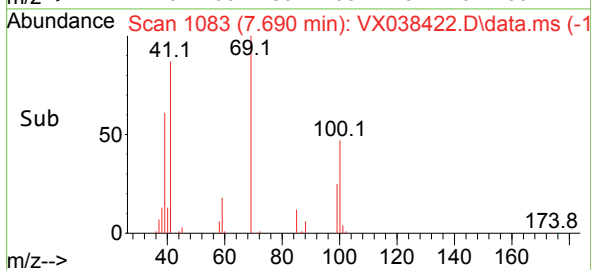
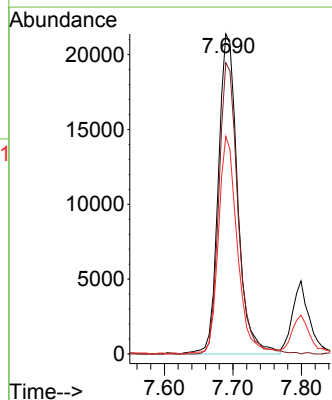
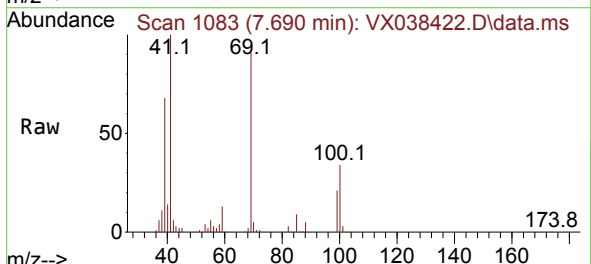
Instrument :  
MSVOA\_X  
ClientSampleId :

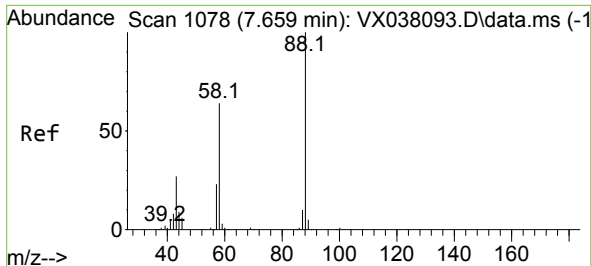
Tgt Ion: 83 Resp: 53093  
Ion Ratio Lower Upper  
83 100  
85 64.9 49.8 74.6  
127 10.0 7.1 10.7



#48  
Methyl methacrylate  
Concen: 18.921 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Tgt Ion: 41 Resp: 41776  
Ion Ratio Lower Upper  
41 100  
69 89.7 59.2 88.8#  
39 67.0 47.7 71.5

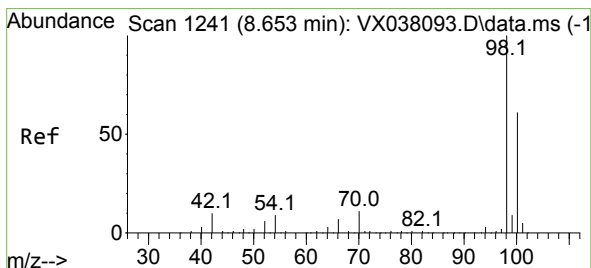
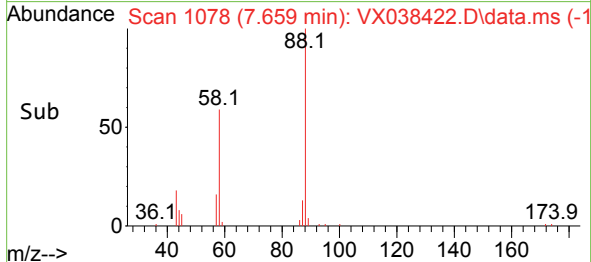
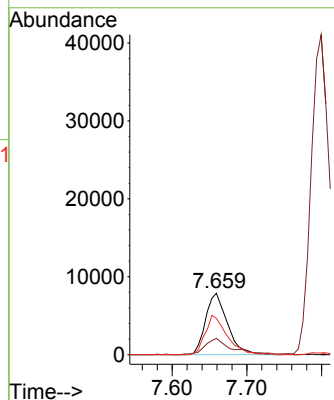
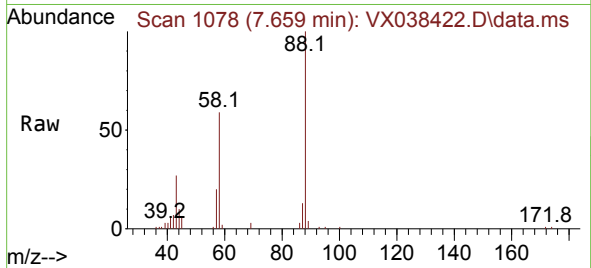




#49  
1,4-Dioxane  
Concen: 295.267 ug/l  
RT: 7.659 min Scan# 1078  
Delta R.T. 0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

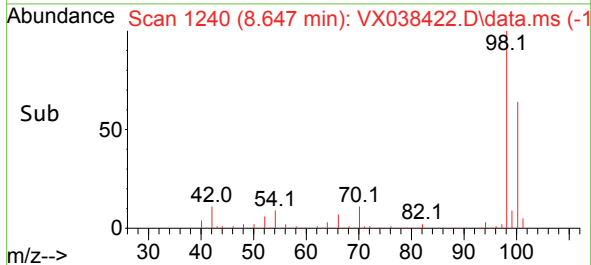
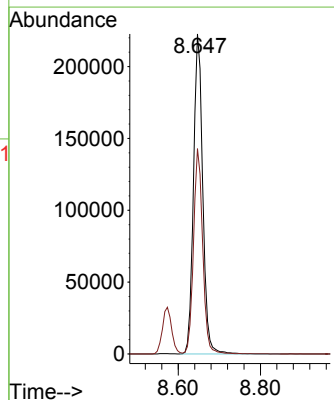
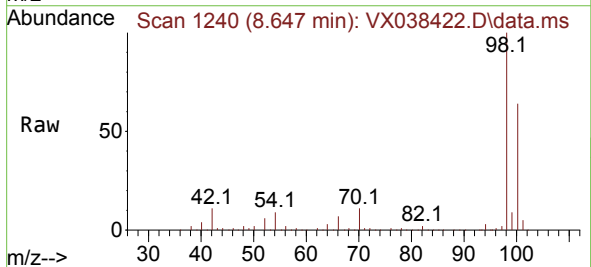
Instrument :  
MSVOA\_X  
ClientSampleId :

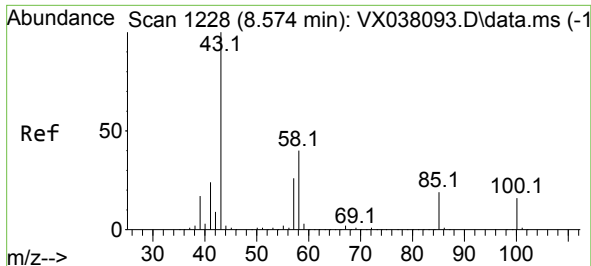
Tgt Ion: 88 Resp: 16065  
Ion Ratio Lower Upper  
88 100  
43 31.1 0.0 0.0#  
58 63.4 60.1 90.1



#50  
Toluene-d8  
Concen: 48.141 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.006 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Tgt Ion: 98 Resp: 348002  
Ion Ratio Lower Upper  
98 100  
100 63.6 53.1 79.7

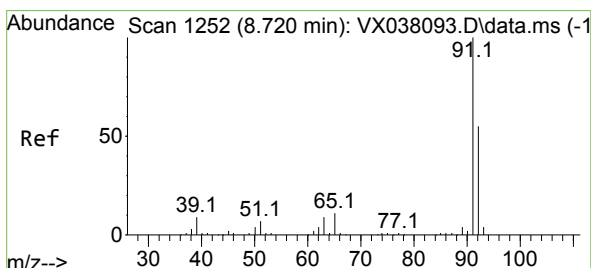
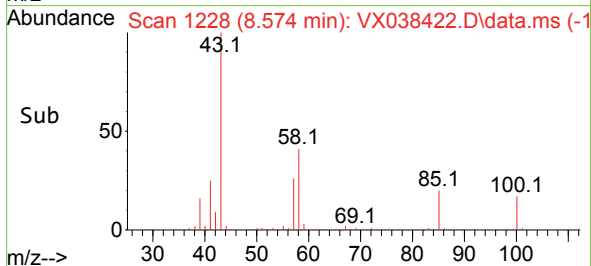
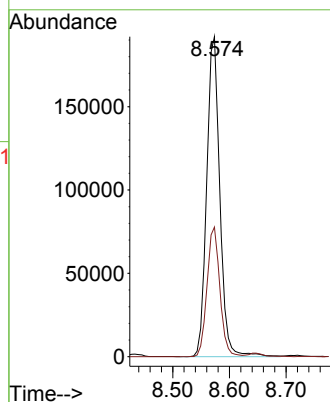
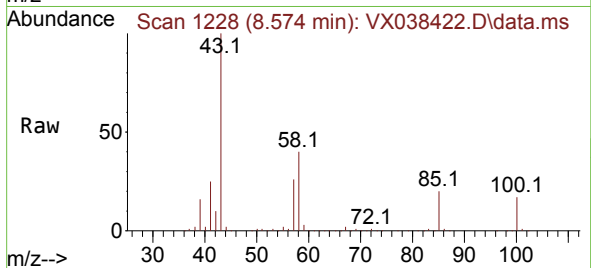




#51  
4-Methyl-2-Pentanone  
Concen: 96.647 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

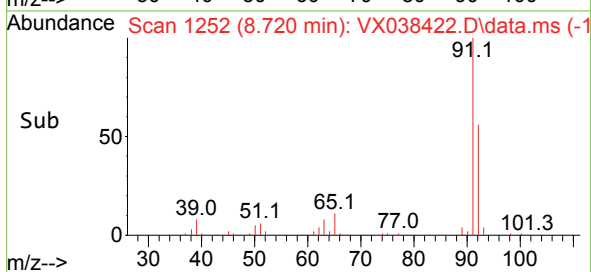
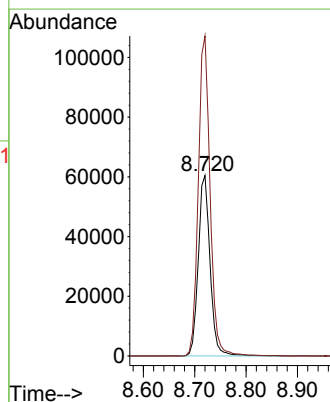
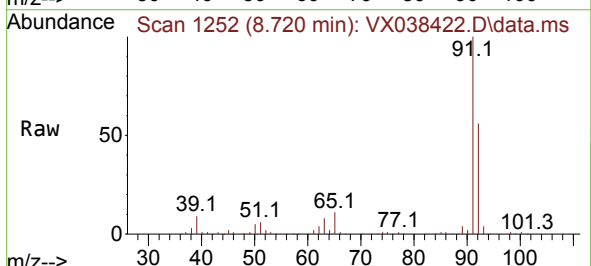
Instrument :  
MSVOA\_X  
ClientSampleId :

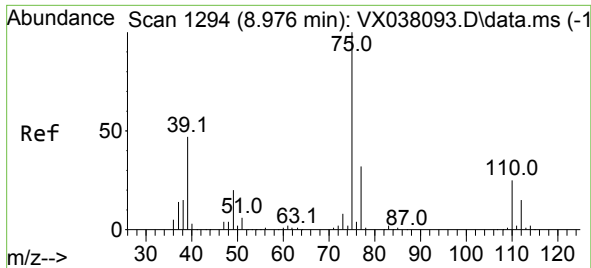
Tgt Ion: 43 Resp: 308321  
Ion Ratio Lower Upper  
43 100  
58 39.8 30.4 45.6



#52  
Toluene  
Concen: 20.180 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Tgt Ion: 92 Resp: 95912  
Ion Ratio Lower Upper  
92 100  
91 177.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.398 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

Instrument :

MSVOA\_X

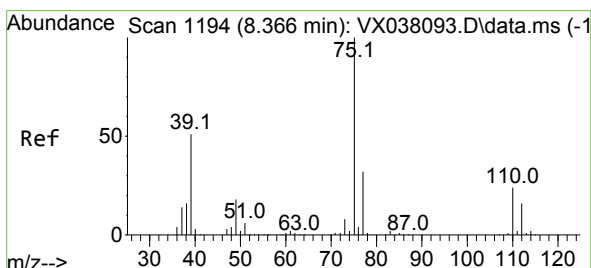
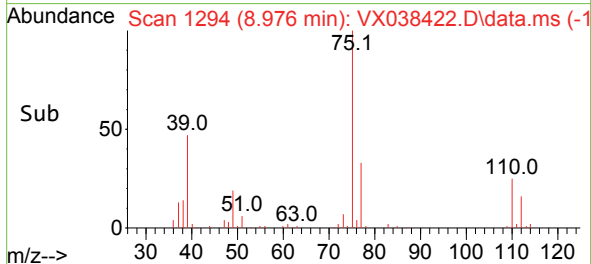
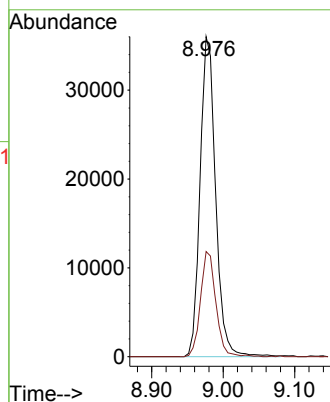
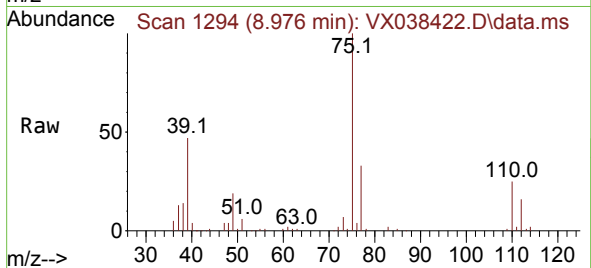
ClientSampleId :

Tgt Ion: 75 Resp: 54253

Ion Ratio Lower Upper

75 100

77 32.9 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 20.032 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

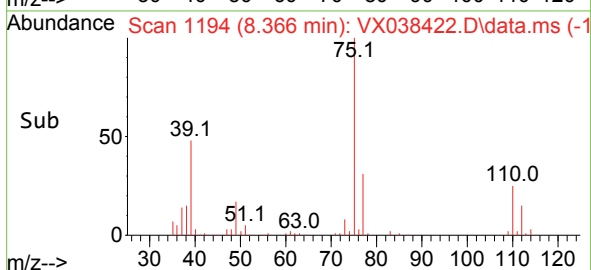
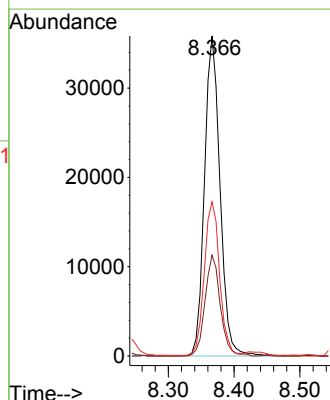
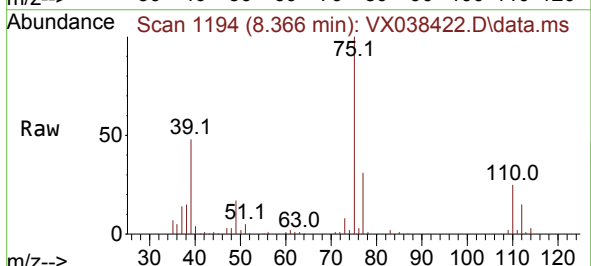
Tgt Ion: 75 Resp: 58862

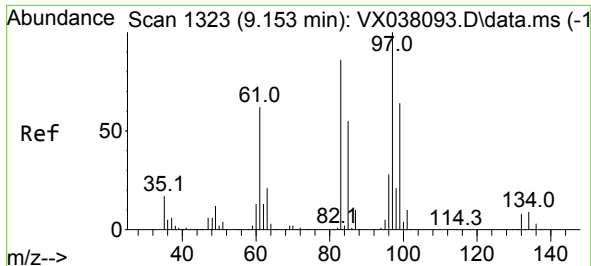
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

39 48.0 46.7 70.1



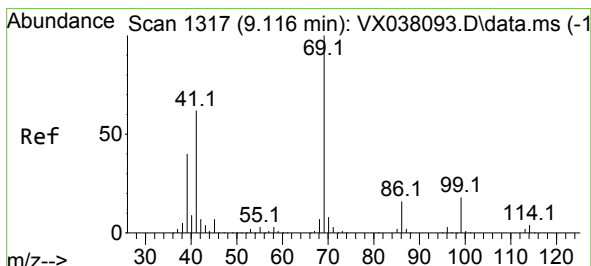
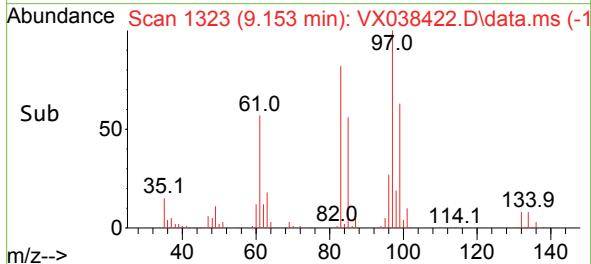
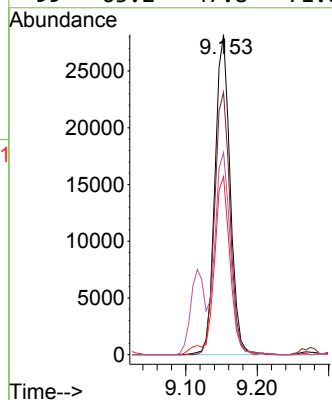
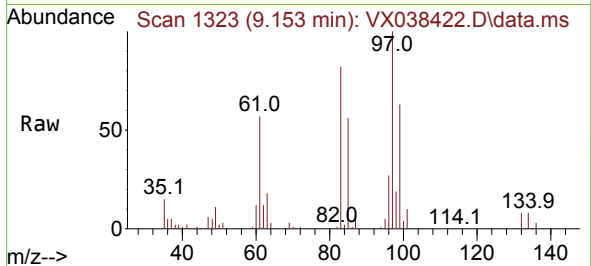


#55  
 1,1,2-Trichloroethane  
 Concen: 20.443 ug/l  
 RT: 9.153 min Scan# 1323  
 Delta R.T. -0.000 min  
 Lab File: VX038422.D  
 Acq: 23 Oct 2023 11:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 97 Resp: 41559

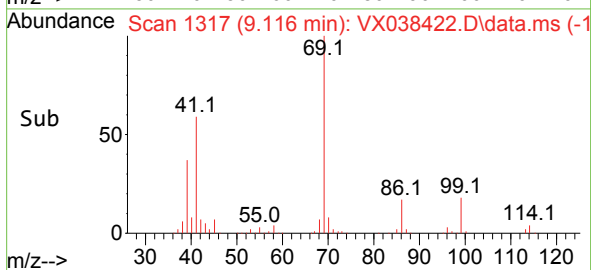
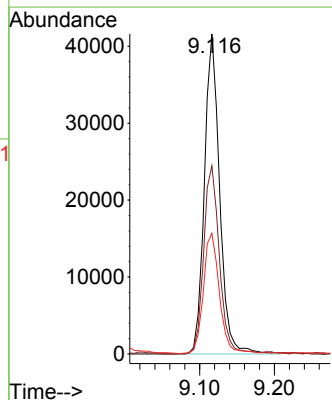
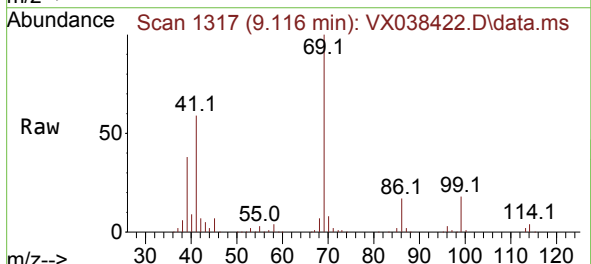
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.0  | 65.8  | 98.8  |
| 85  | 55.6  | 41.6  | 62.4  |
| 99  | 63.2  | 47.8  | 71.8  |

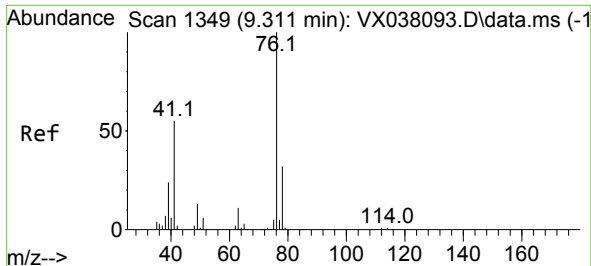


#56  
 Ethyl methacrylate  
 Concen: 18.887 ug/l  
 RT: 9.116 min Scan# 1317  
 Delta R.T. 0.000 min  
 Lab File: VX038422.D  
 Acq: 23 Oct 2023 11:11

Tgt Ion: 69 Resp: 58870

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 61.3  | 56.8  | 85.2  |
| 39  | 39.3  | 32.0  | 48.0  |





#57

1,3-Dichloropropane

Concen: 20.360 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

Instrument :

MSVOA\_X

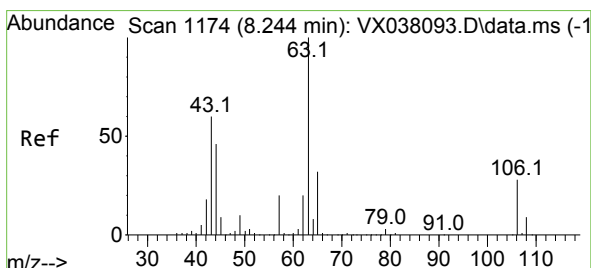
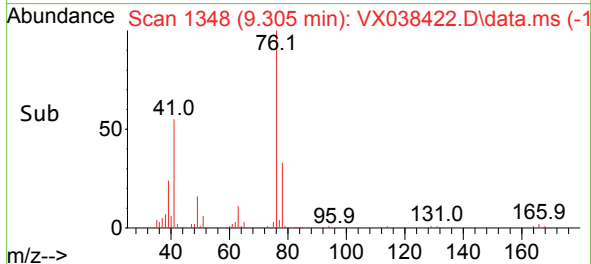
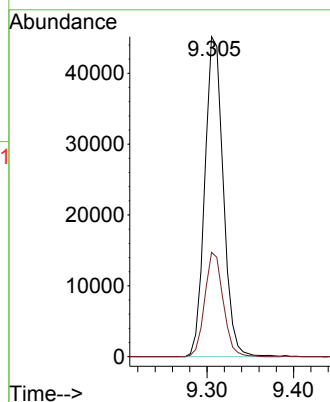
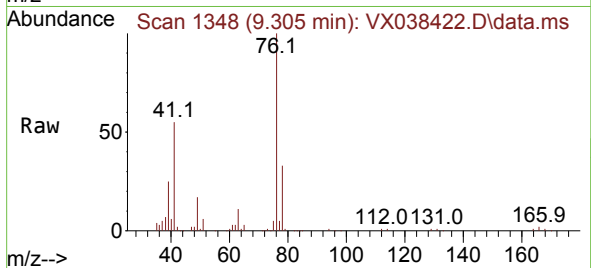
ClientSampleId :

Tgt Ion: 76 Resp: 66943

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 90.645 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038422.D

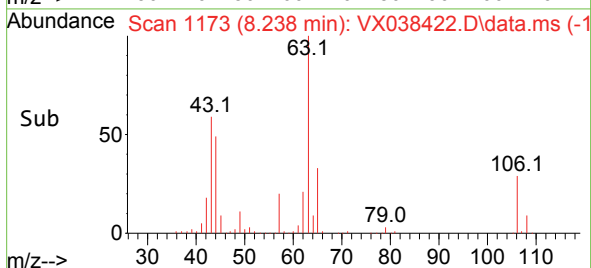
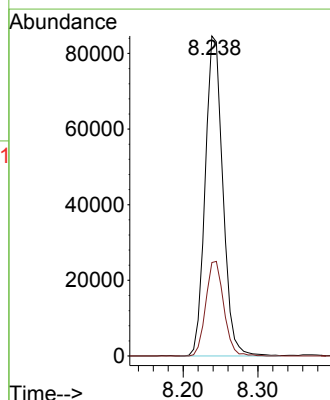
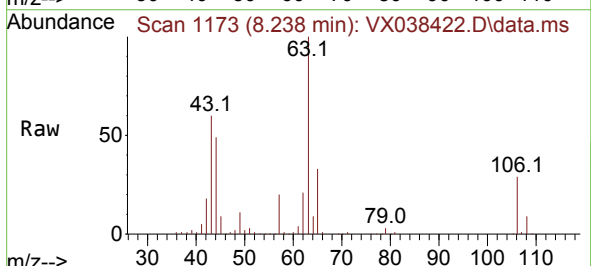
Acq: 23 Oct 2023 11:11

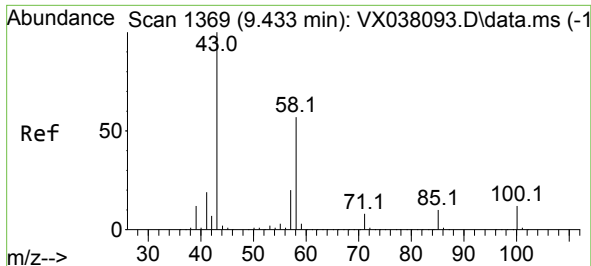
Tgt Ion: 63 Resp: 138686

Ion Ratio Lower Upper

63 100

106 30.1 22.5 33.7

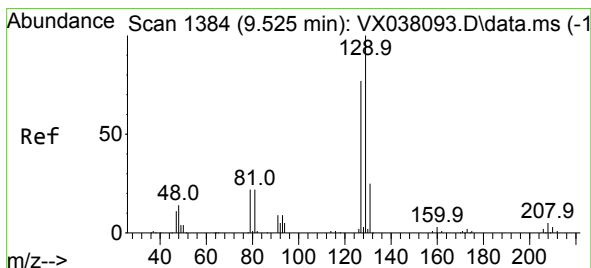
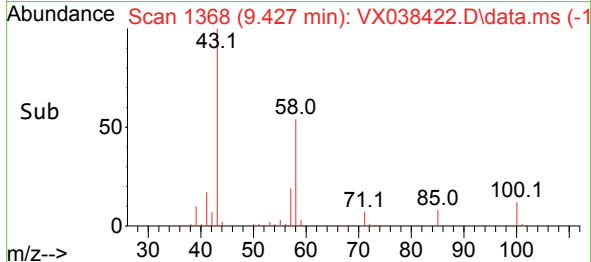
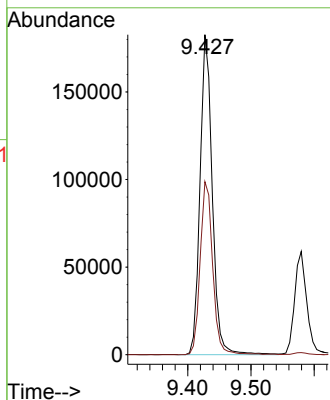
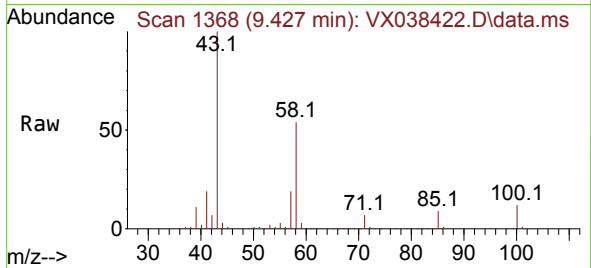




#59  
2-Hexanone  
Concen: 96.094 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.006 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

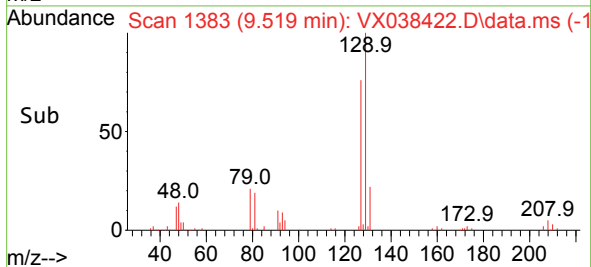
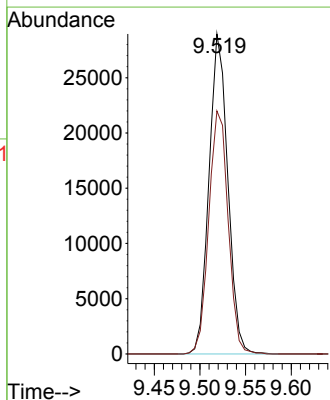
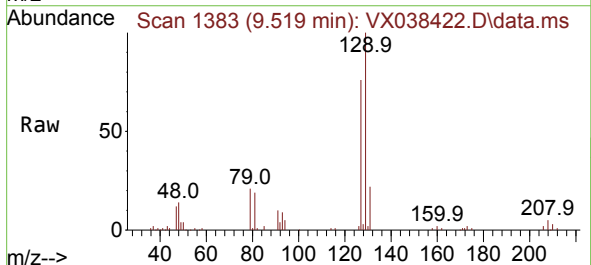
Instrument :  
MSVOA\_X  
ClientSampleId :

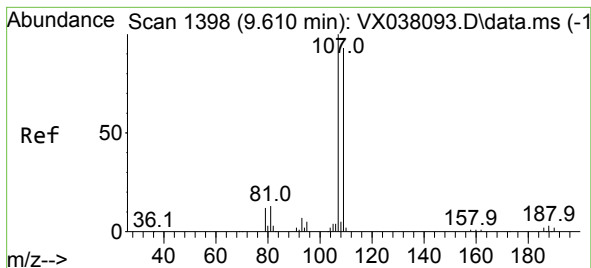
Tgt Ion: 43 Resp: 246449  
Ion Ratio Lower Upper  
43 100  
58 55.4 26.2 78.5



#60  
Dibromochloromethane  
Concen: 20.846 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.006 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Tgt Ion: 129 Resp: 41476  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.8 116.4





#61

1,2-Dibromoethane

Concen: 20.140 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

Instrument :

MSVOA\_X

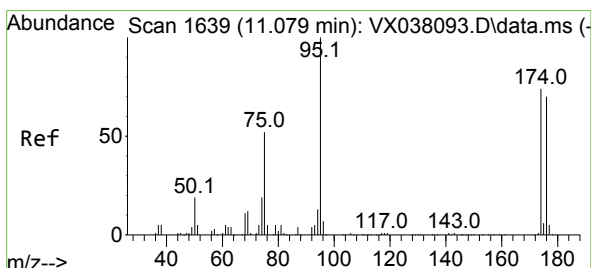
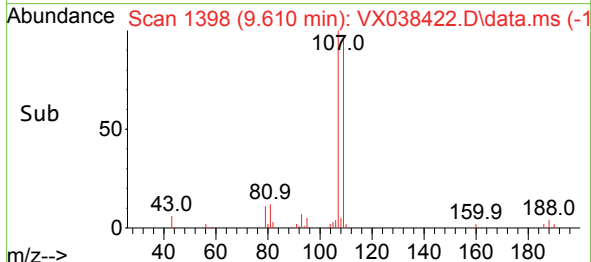
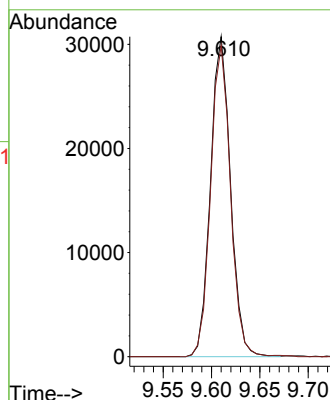
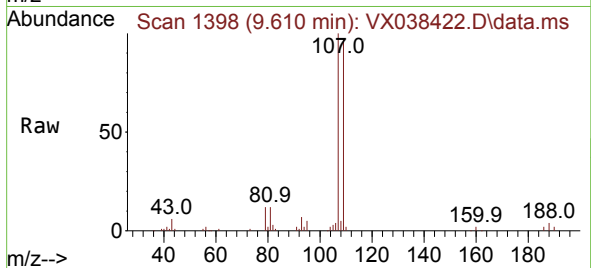
ClientSampleId :

Tgt Ion:107 Resp: 44277

Ion Ratio Lower Upper

107 100

109 96.5 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 49.240 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

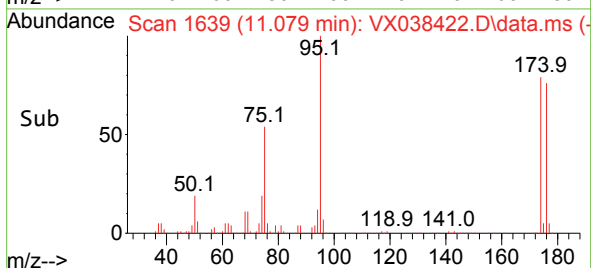
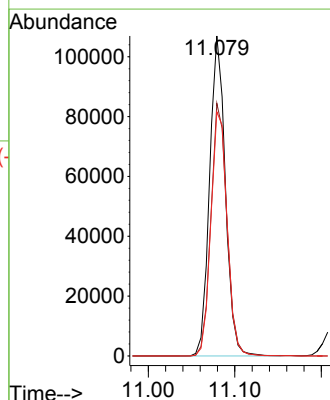
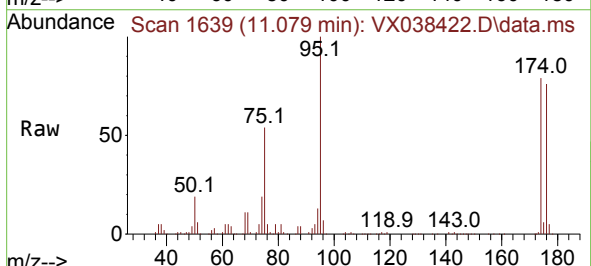
Tgt Ion: 95 Resp: 134945

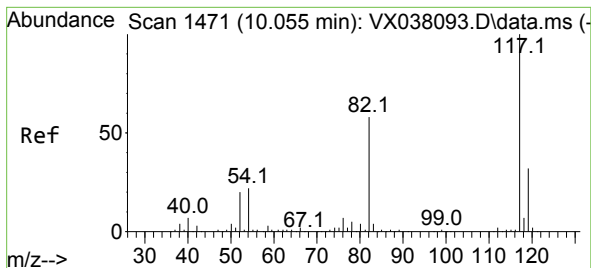
Ion Ratio Lower Upper

95 100

174 80.1 0.0 135.6

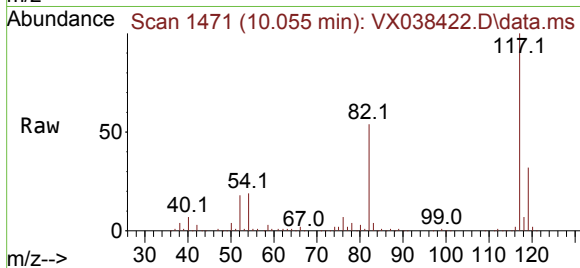
176 79.0 0.0 131.0



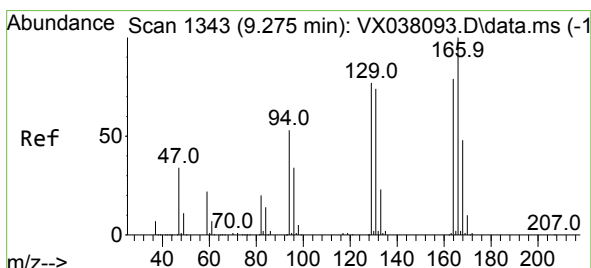
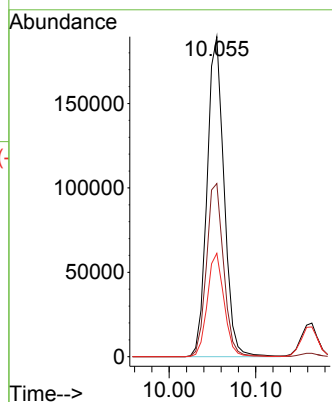
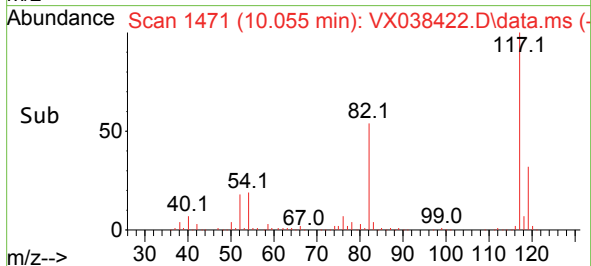


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Instrument :  
MSVOA\_X  
ClientSampleId :

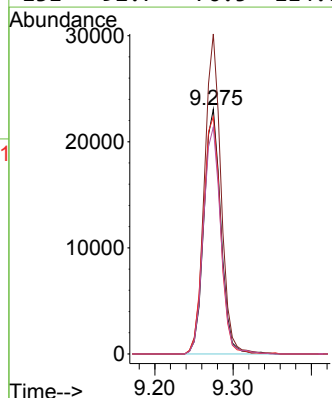
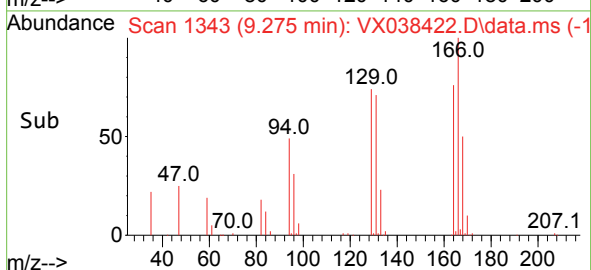
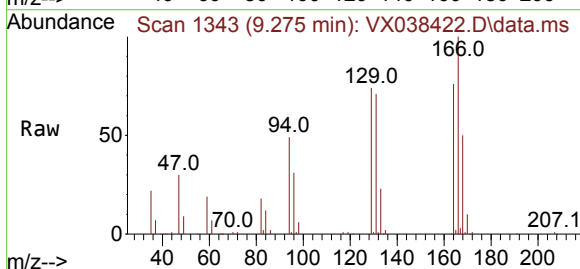


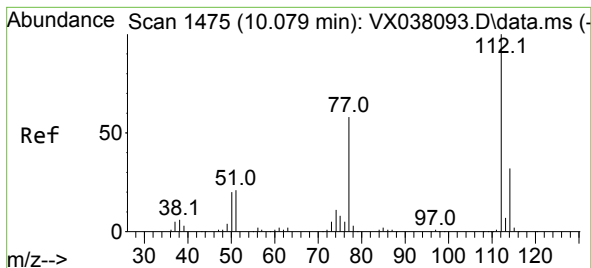
Tgt Ion:117 Resp: 257670  
Ion Ratio Lower Upper  
117 100  
82 54.1 46.2 69.4  
119 32.3 25.5 38.3



#64  
Tetrachloroethene  
Concen: 20.641 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Tgt Ion:164 Resp: 34431  
Ion Ratio Lower Upper  
164 100  
166 130.8 102.7 154.1  
129 96.9 80.4 120.6  
131 92.7 76.5 114.7

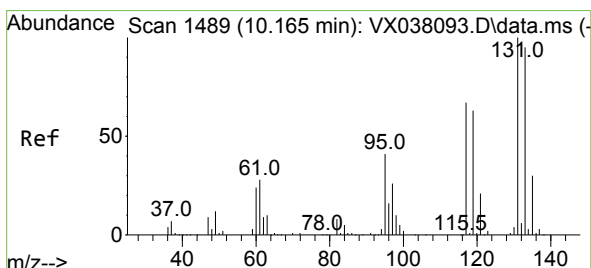
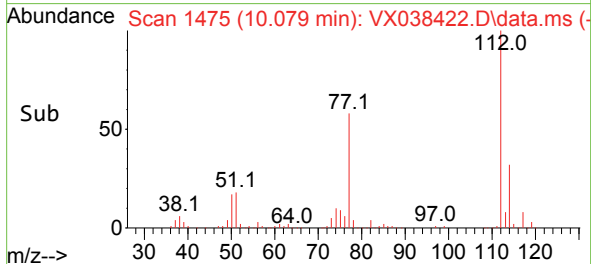
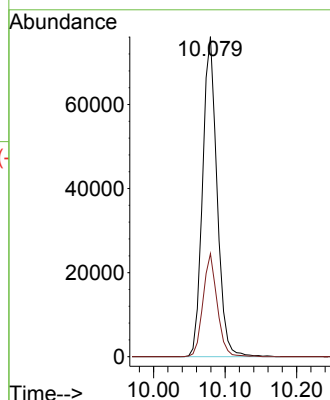
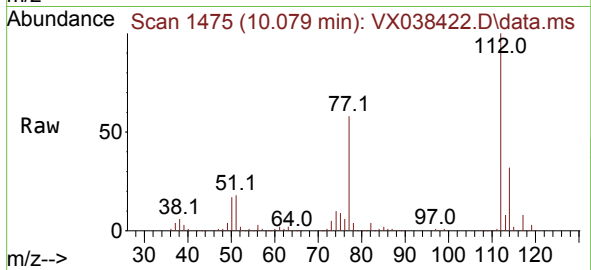




#65  
Chlorobenzene  
Concen: 19.816 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

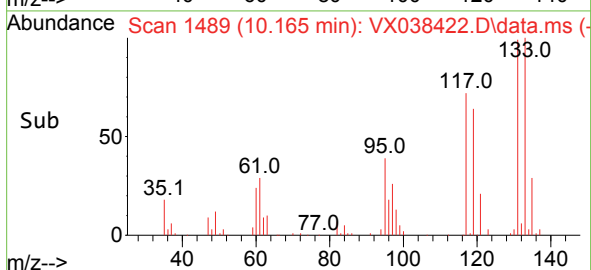
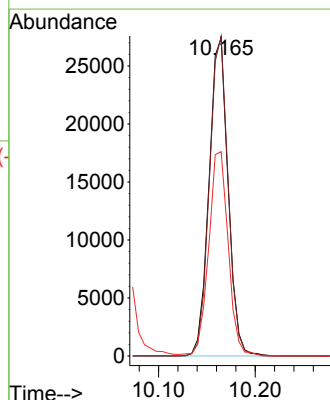
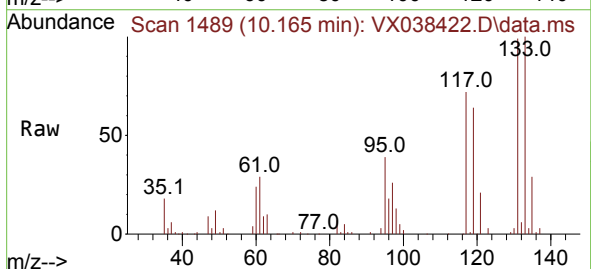
Instrument :  
MSVOA\_X  
ClientSampleId :

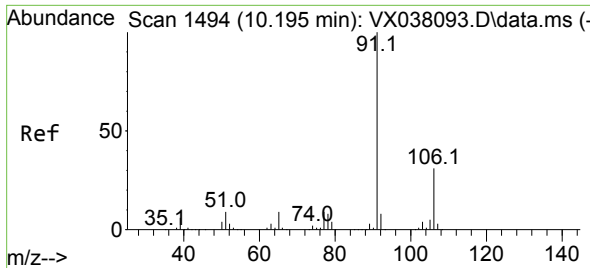
Tgt Ion:112 Resp: 106847  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.639 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Tgt Ion:131 Resp: 37631  
Ion Ratio Lower Upper  
131 100  
133 98.5 47.1 141.4  
119 66.0 32.2 96.6

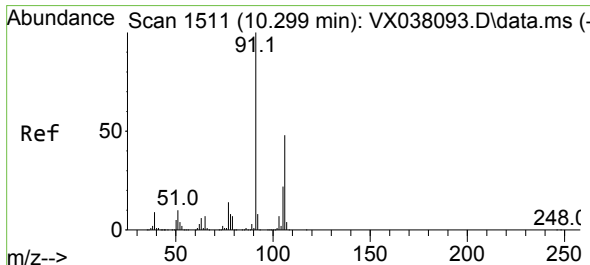
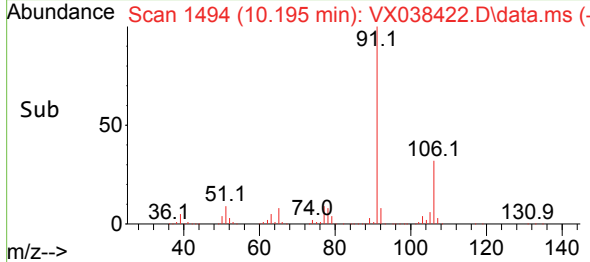
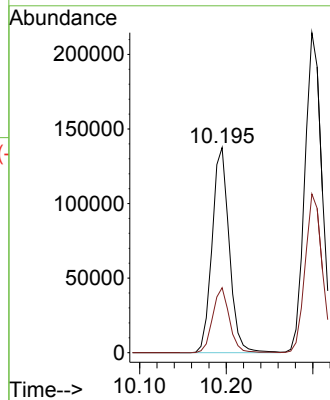
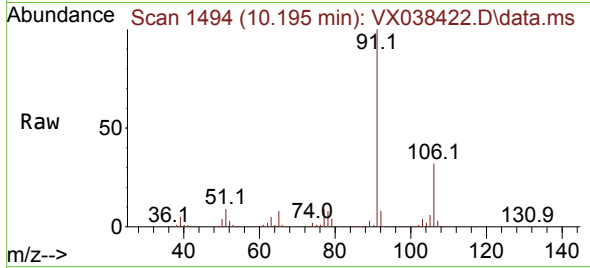




#67  
Ethyl Benzene  
Concen: 19.639 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

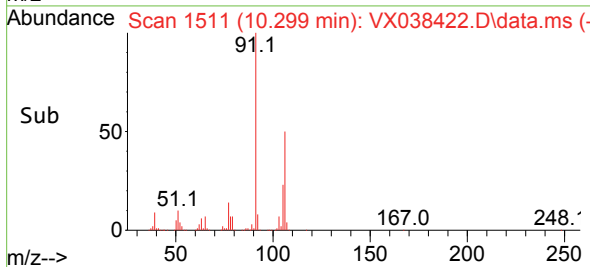
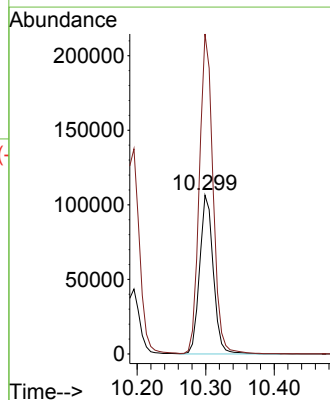
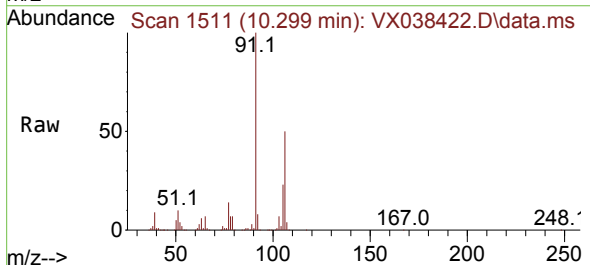
Instrument :  
MSVOA\_X  
ClientSampleId :

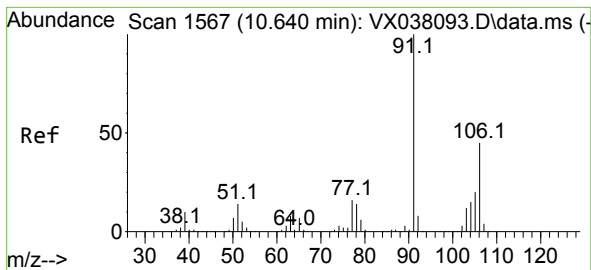
Tgt Ion: 91 Resp: 189009  
Ion Ratio Lower Upper  
91 100  
106 31.6 24.9 37.3



#68  
m/p-Xylenes  
Concen: 39.753 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.006 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Tgt Ion: 106 Resp: 147937  
Ion Ratio Lower Upper  
106 100  
91 201.6 165.5 248.3





#69

o-Xylene

Concen: 19.324 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

Instrument :

MSVOA\_X

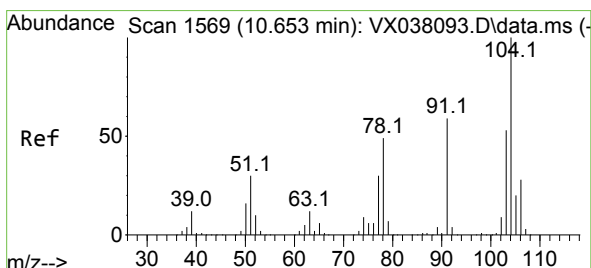
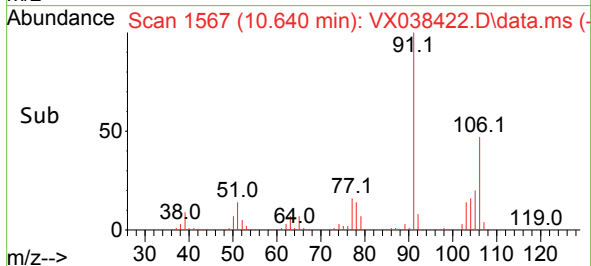
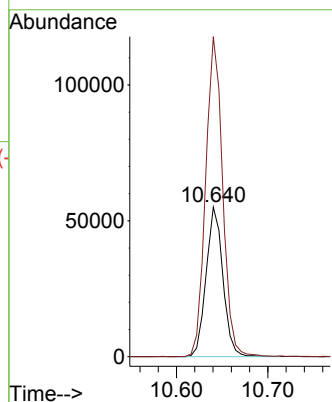
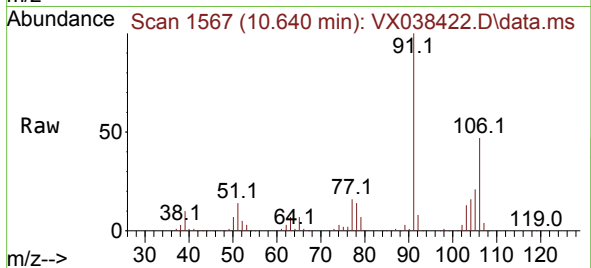
ClientSampleId :

Tgt Ion:106 Resp: 70186

Ion Ratio Lower Upper

106 100

91 216.6 108.9 326.8



#70

Styrene

Concen: 20.130 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.007 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

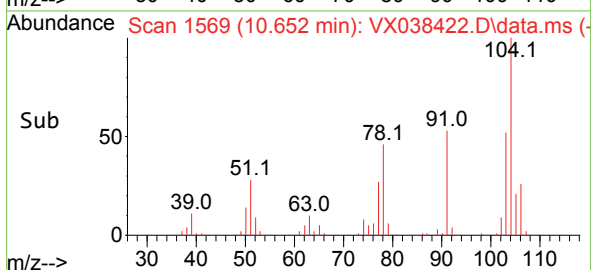
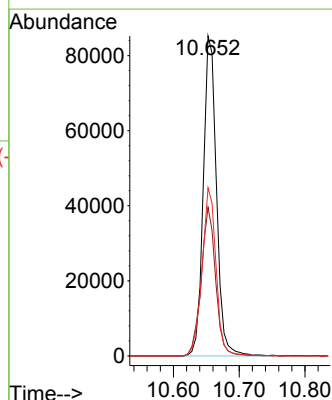
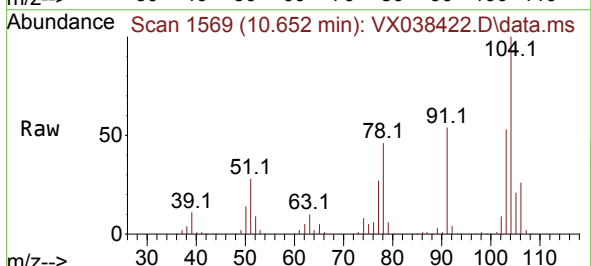
Tgt Ion:104 Resp: 119065

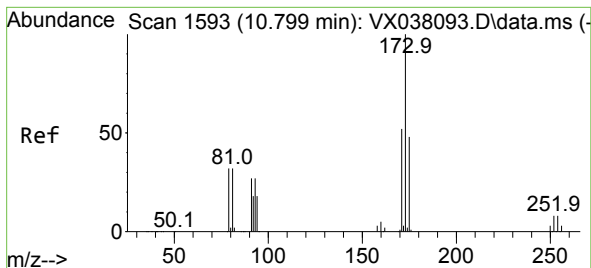
Ion Ratio Lower Upper

104 100

78 50.5 43.6 65.4

103 55.8 43.6 65.4





#71

Bromoform

Concen: 19.668 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

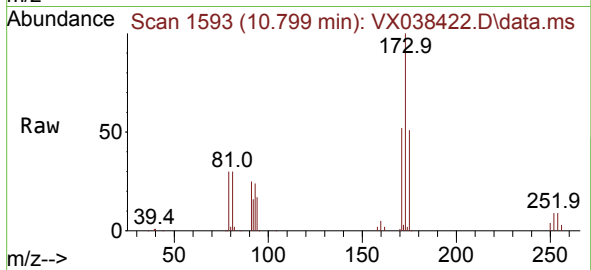
Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

Instrument :

MSVOA\_X

ClientSampleId :



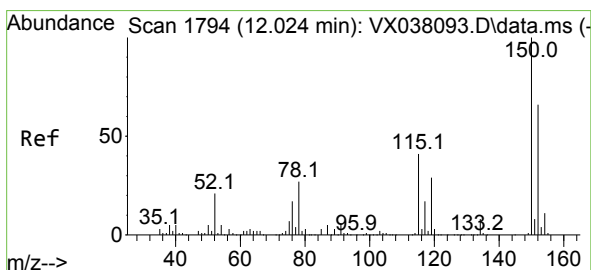
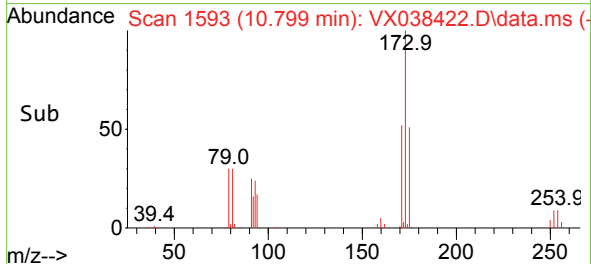
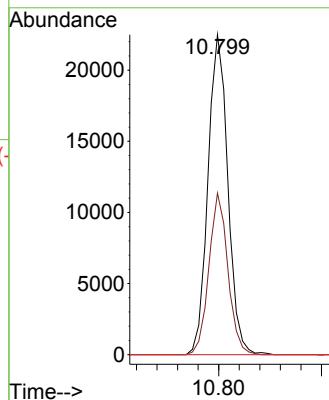
Tgt Ion:173 Resp: 30151

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: VX038422.D

Acq: 23 Oct 2023 11:11

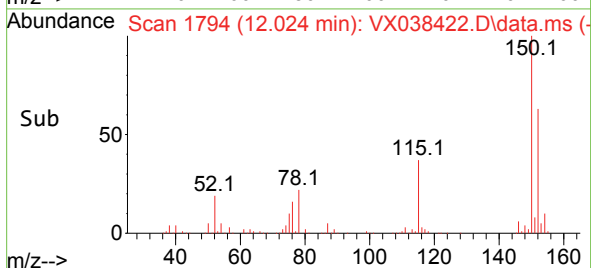
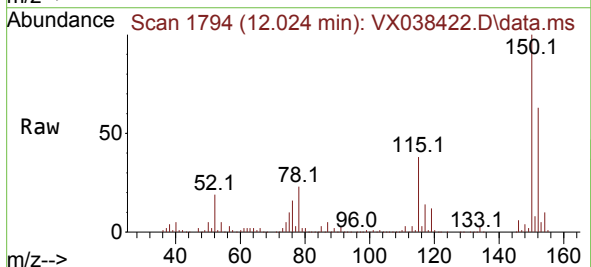
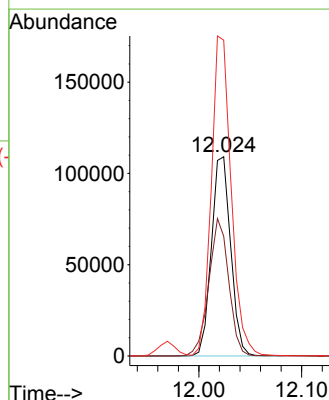
Tgt Ion:152 Resp: 141899

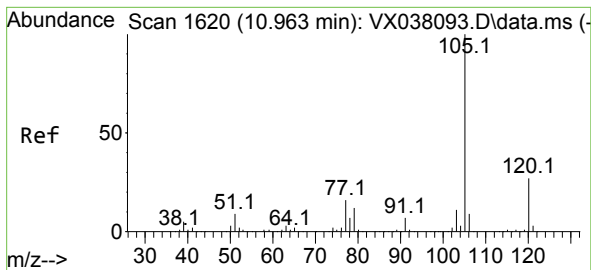
Ion Ratio Lower Upper

152 100

115 71.2 43.3 129.9

150 165.7 0.0 345.0





#73

Isopropylbenzene

Concen: 20.247 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

Instrument :

MSVOA\_X

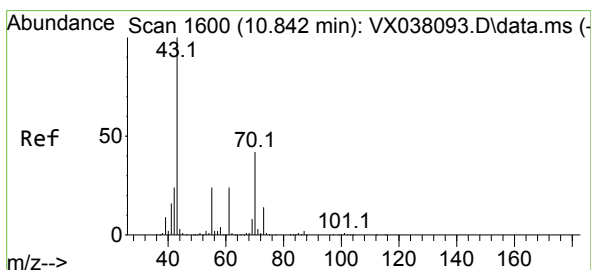
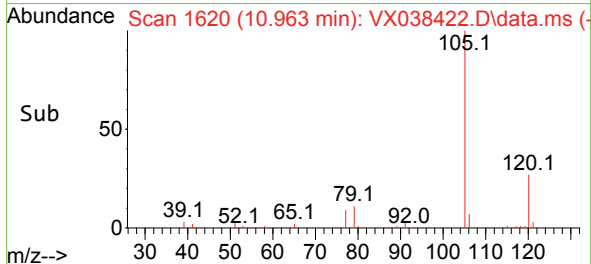
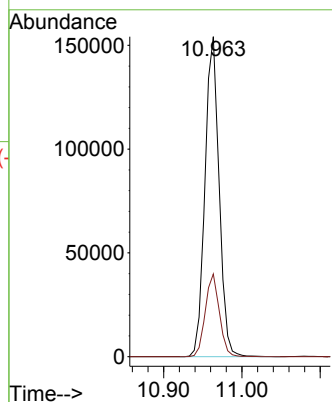
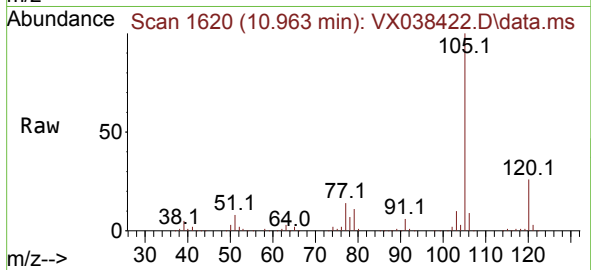
ClientSampleId :

Tgt Ion:105 Resp: 192674

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#74

N-ethyl acetate

Concen: 18.191 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

Tgt Ion: 43 Resp: 73923

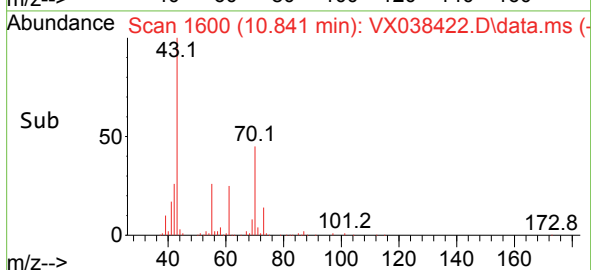
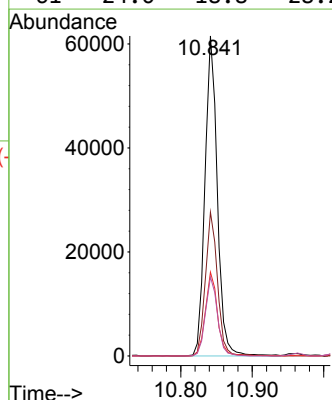
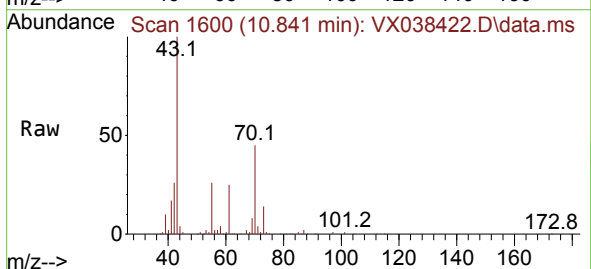
Ion Ratio Lower Upper

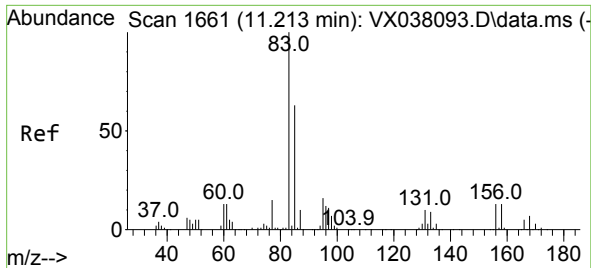
43 100

70 44.2 32.9 49.3

55 26.2 19.3 28.9

61 24.0 18.8 28.2

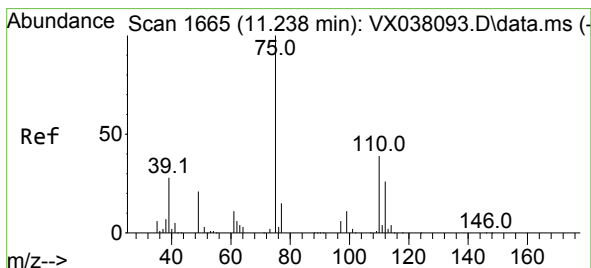
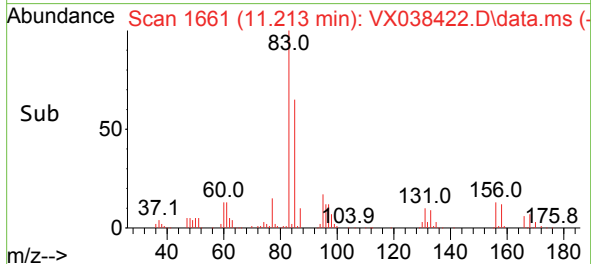
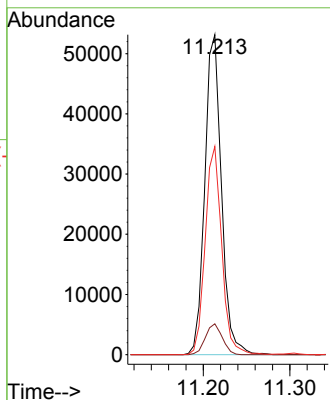
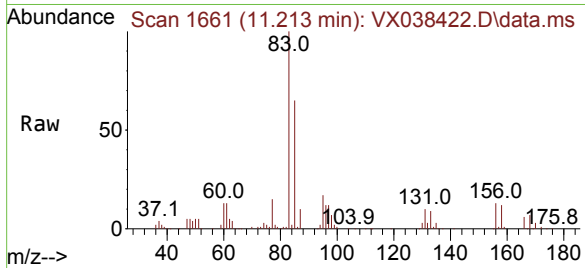




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.367 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

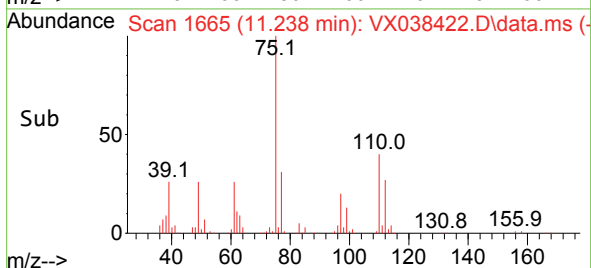
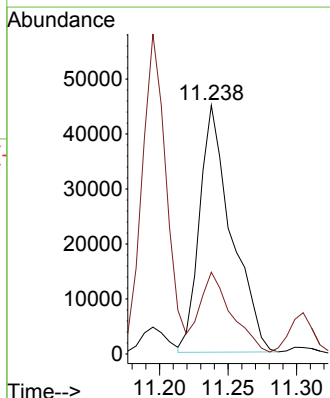
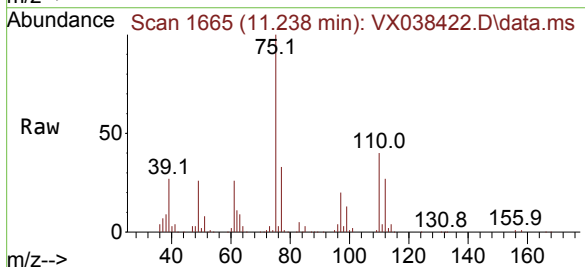
Instrument :  
MSVOA\_X  
ClientSampleId :

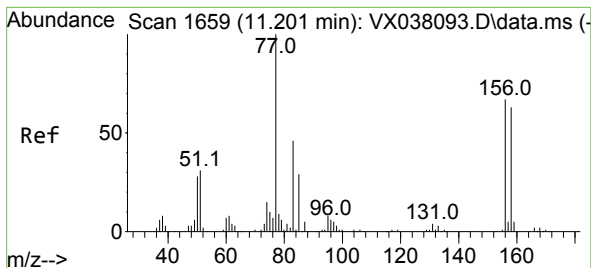
Tgt Ion: 83 Resp: 71120  
Ion Ratio Lower Upper  
83 100  
131 9.7 5.3 15.8  
85 64.6 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 22.584 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Tgt Ion: 75 Resp: 72853  
Ion Ratio Lower Upper  
75 100  
77 33.2 19.1 57.5





#77

Bromobenzene

Concen: 20.235 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

Instrument :

MSVOA\_X

ClientSampleId :

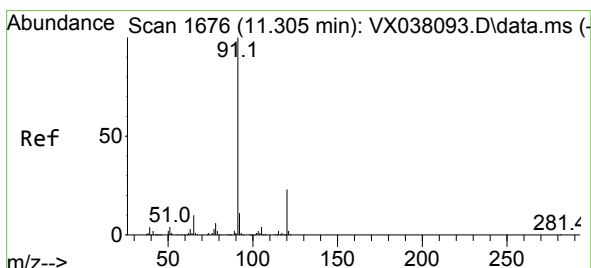
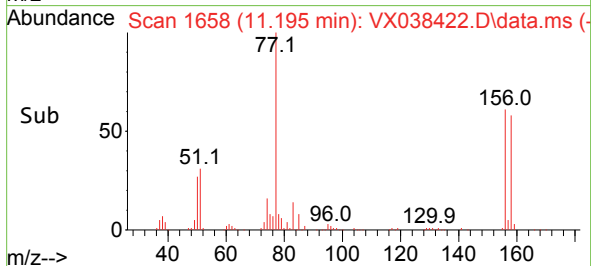
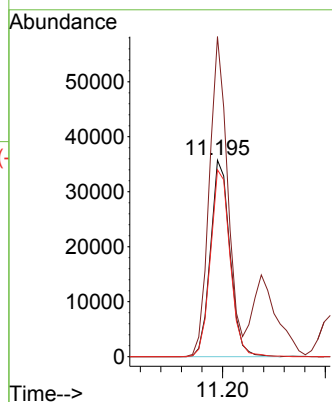
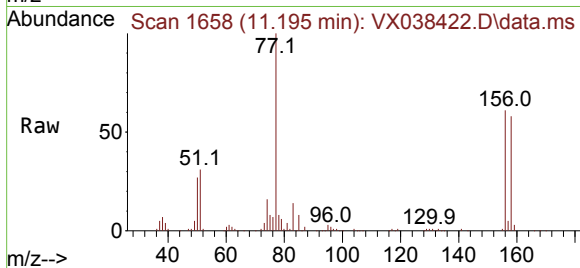
Tgt Ion:156 Resp: 47012

Ion Ratio Lower Upper

156 100

77 153.4 88.4 265.3

158 96.0 48.0 144.0



#78

n-propylbenzene

Concen: 19.506 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038422.D

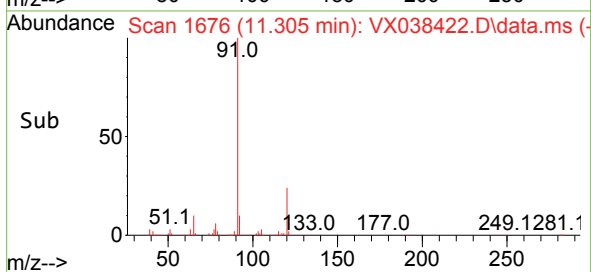
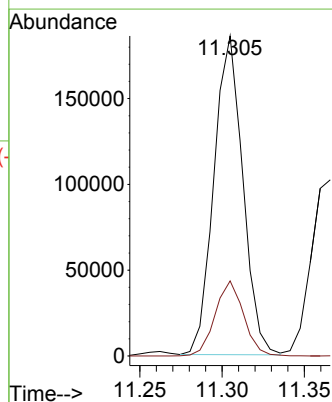
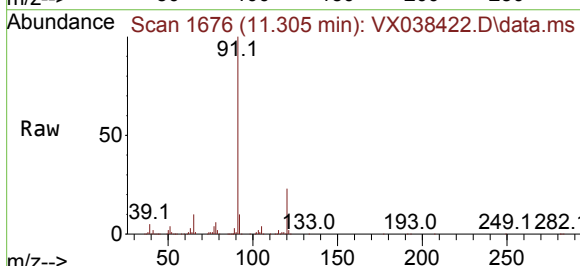
Acq: 23 Oct 2023 11:11

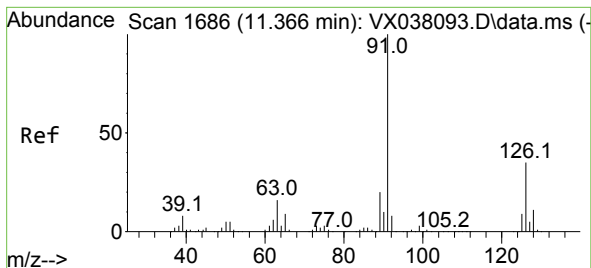
Tgt Ion: 91 Resp: 226965

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.091 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

Instrument :

MSVOA\_X

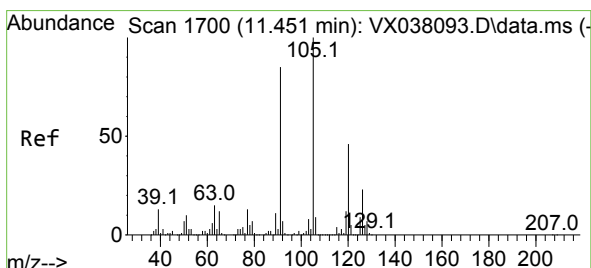
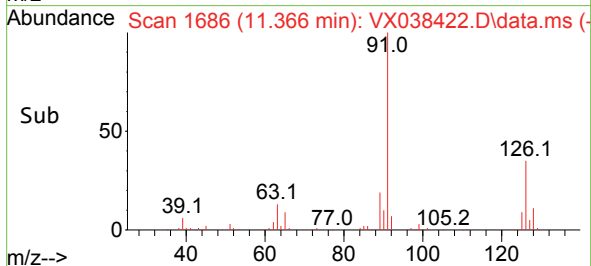
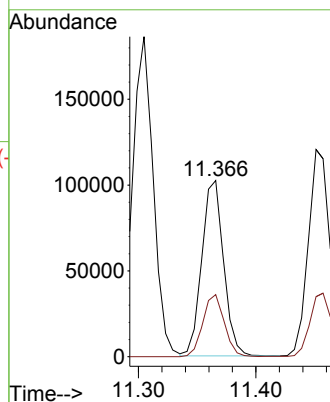
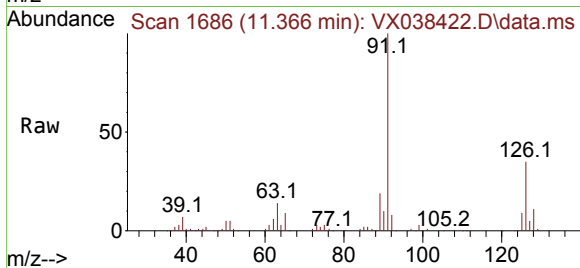
ClientSampleId :

Tgt Ion: 91 Resp: 131739

Ion Ratio Lower Upper

91 100

126 34.9 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 19.902 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038422.D

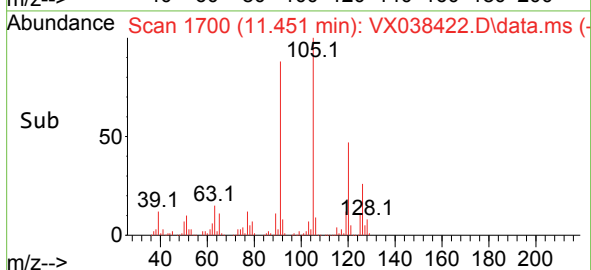
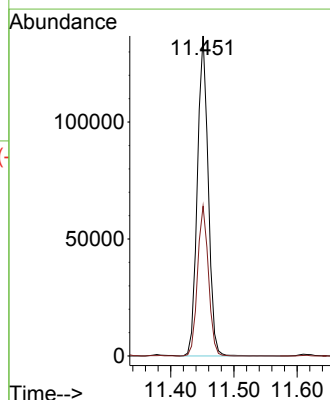
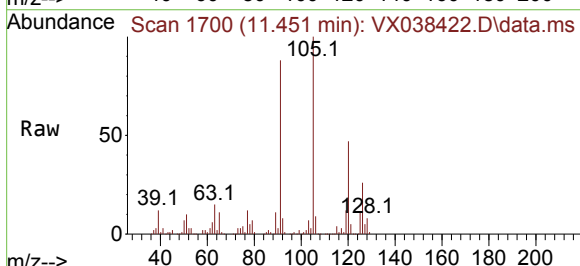
Acq: 23 Oct 2023 11:11

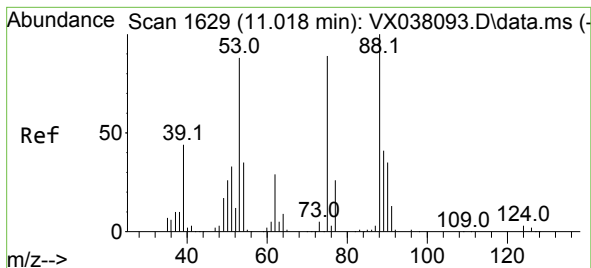
Tgt Ion: 105 Resp: 163395

Ion Ratio Lower Upper

105 100

120 47.0 24.1 72.3

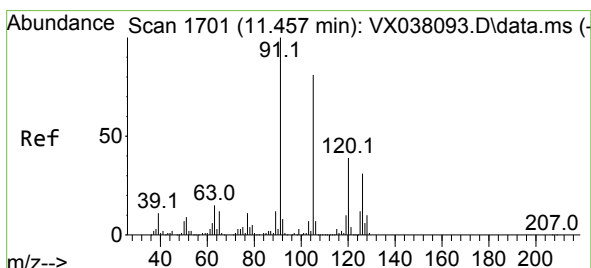
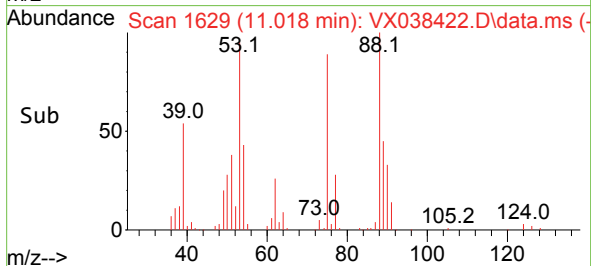
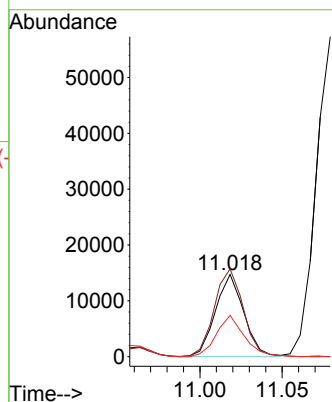
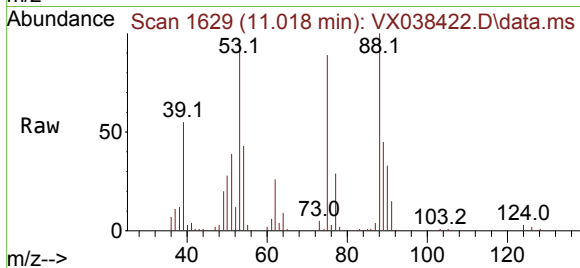




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.719 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

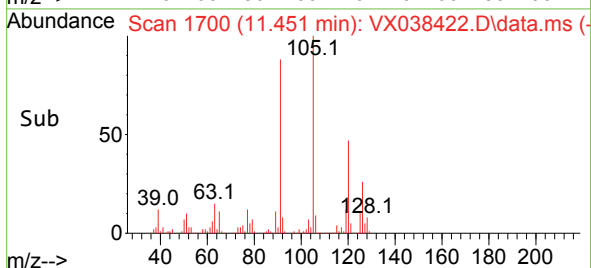
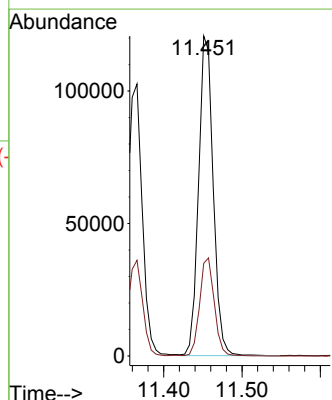
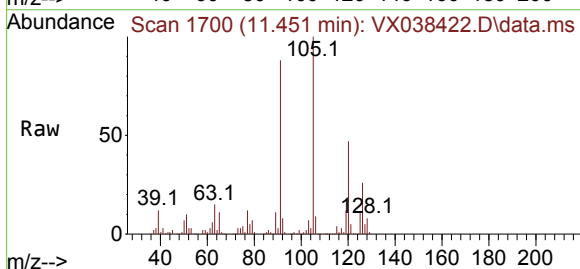
Instrument :  
MSVOA\_X  
ClientSampleId :

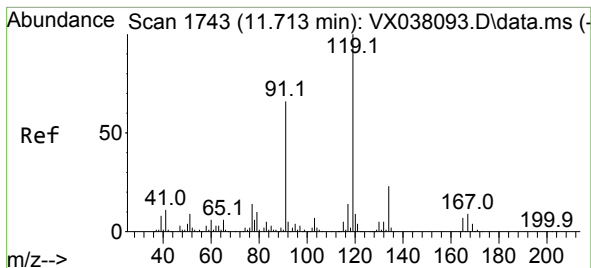
Tgt Ion: 75 Resp: 17647  
Ion Ratio Lower Upper  
75 100  
53 109.1 90.5 135.7  
89 49.5 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 19.212 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

Tgt Ion: 91 Resp: 156883  
Ion Ratio Lower Upper  
91 100  
126 30.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.143 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

Instrument :

MSVOA\_X

ClientSampleId :

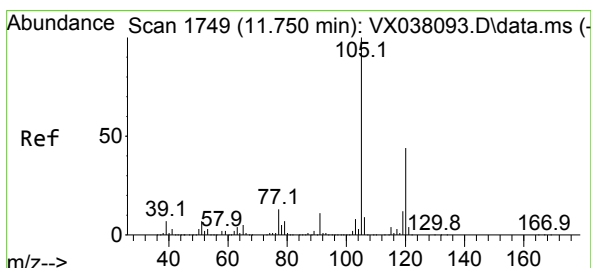
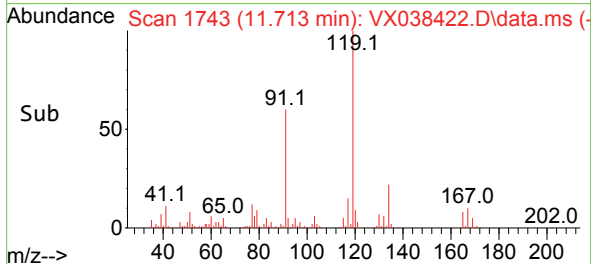
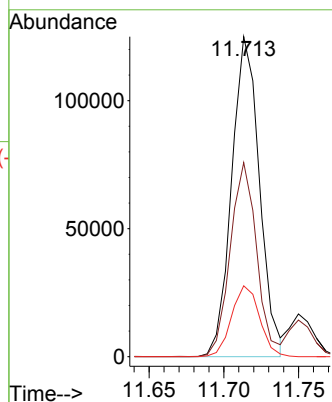
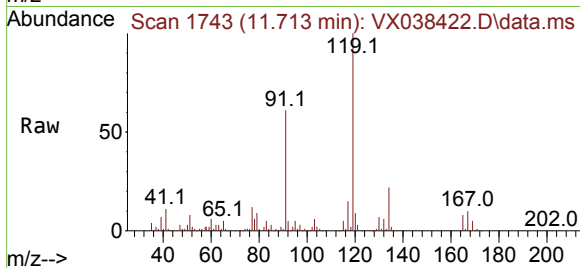
Tgt Ion:119 Resp: 161594

Ion Ratio Lower Upper

119 100

91 57.8 31.2 93.6

134 22.3 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 20.122 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038422.D

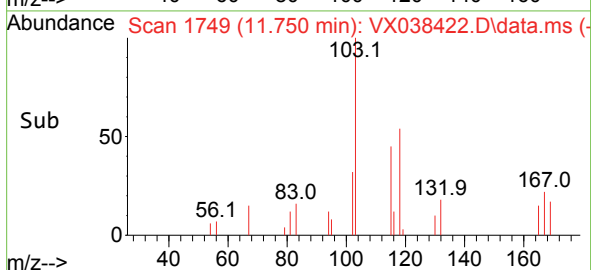
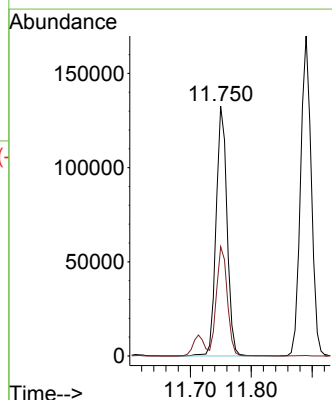
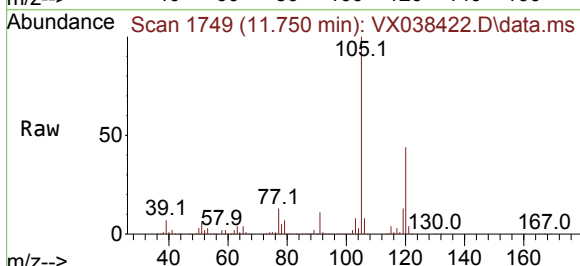
Acq: 23 Oct 2023 11:11

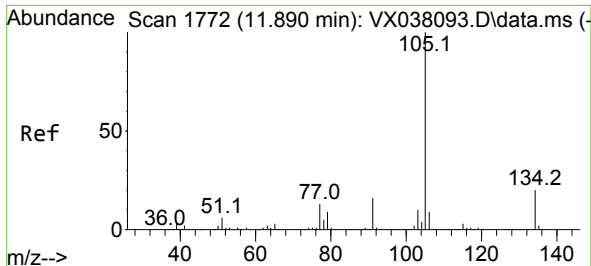
Tgt Ion:105 Resp: 164714

Ion Ratio Lower Upper

105 100

120 43.2 21.2 63.6

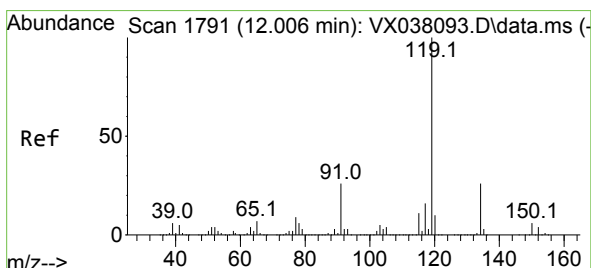
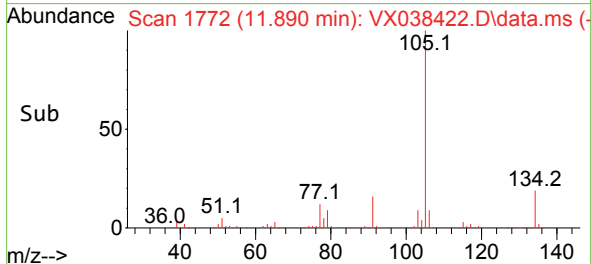
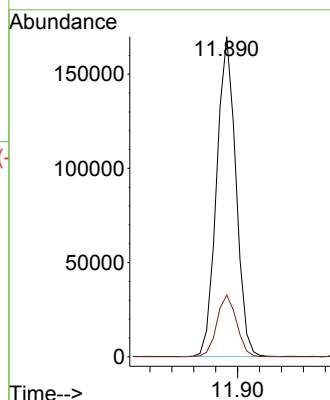
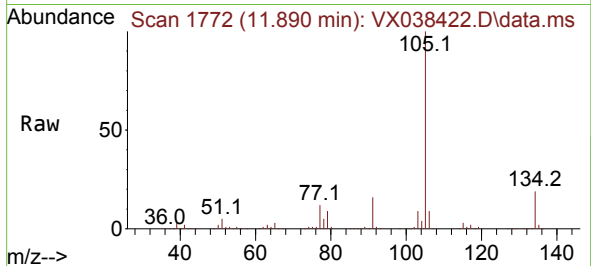




#85  
sec-Butylbenzene  
Concen: 19.939 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

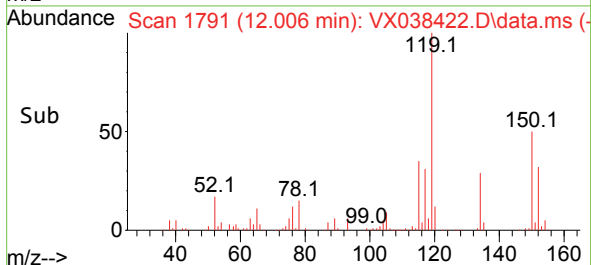
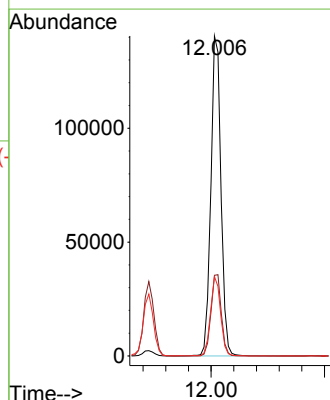
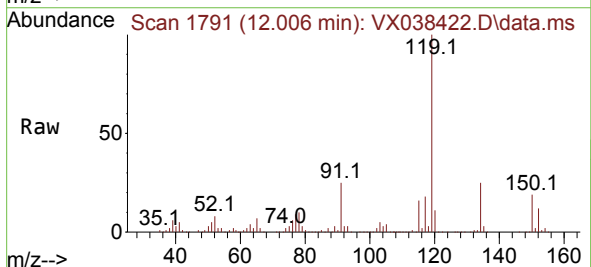
Instrument :  
MSVOA\_X  
ClientSampleId :

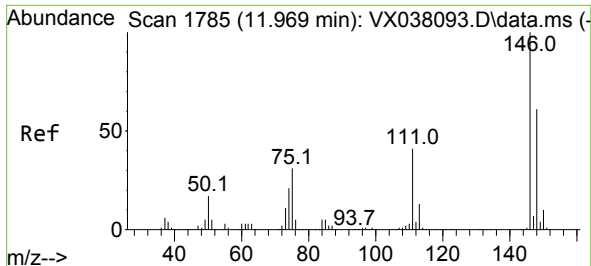
Tgt Ion:105 Resp: 207201  
Ion Ratio Lower Upper  
105 100  
134 19.7 9.8 29.4



#86  
p-Isopropyltoluene  
Concen: 20.323 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

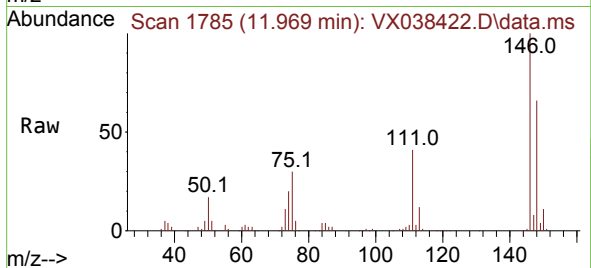
Tgt Ion:119 Resp: 174245  
Ion Ratio Lower Upper  
119 100  
134 25.9 12.8 38.3  
91 24.7 13.1 39.3



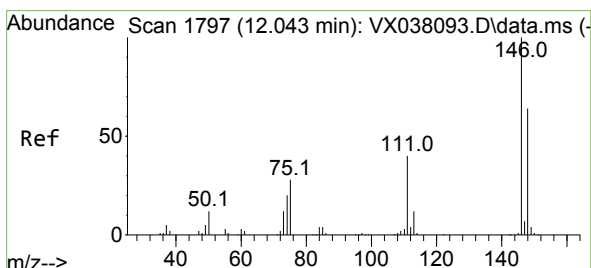
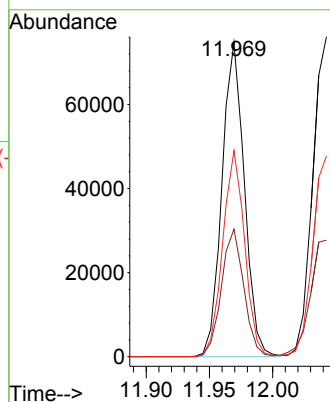
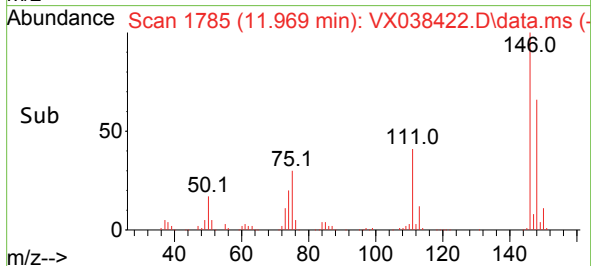


#87  
1,3-Dichlorobenzene  
Concen: 19.677 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11

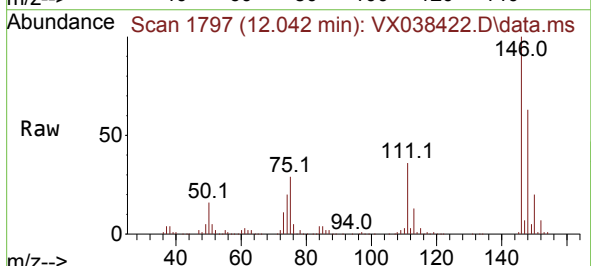
Instrument :  
MSVOA\_X  
ClientSampleId :



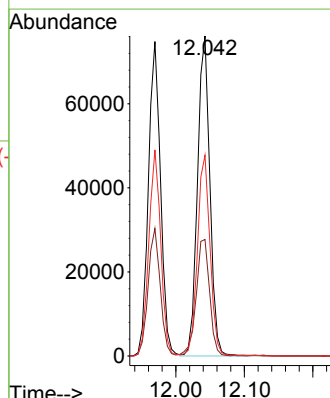
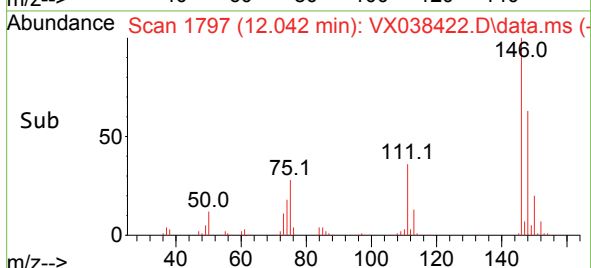
Tgt Ion:146 Resp: 91821  
Ion Ratio Lower Upper  
146 100  
111 40.6 22.1 66.1  
148 64.3 31.8 95.3

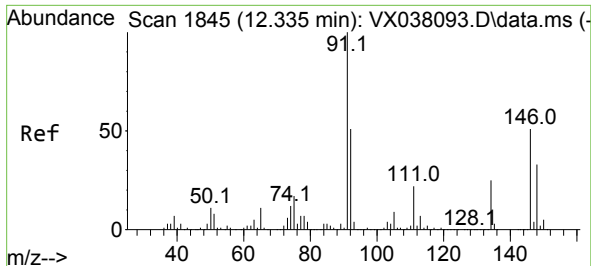


#88  
1,4-Dichlorobenzene  
Concen: 20.172 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. -0.001 min  
Lab File: VX038422.D  
Acq: 23 Oct 2023 11:11



Tgt Ion:146 Resp: 96100  
Ion Ratio Lower Upper  
146 100  
111 39.6 21.3 63.7  
148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 19.052 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

Instrument :

MSVOA\_X

ClientSampleId :

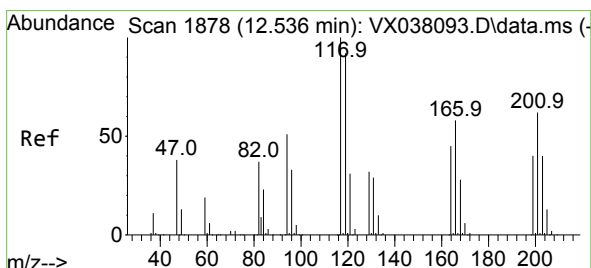
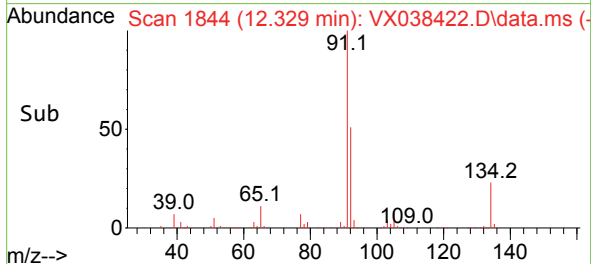
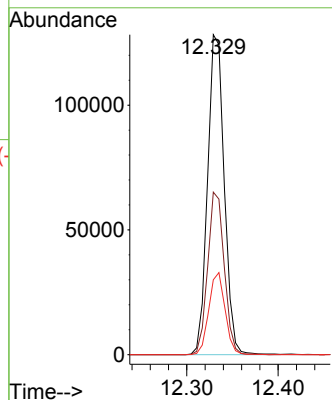
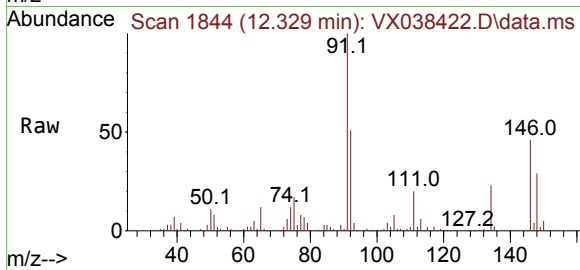
Tgt Ion: 91 Resp: 162679

Ion Ratio Lower Upper

91 100

92 50.4 27.4 82.0

134 25.1 12.6 37.8



#90

Hexachloroethane

Concen: 19.406 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038422.D

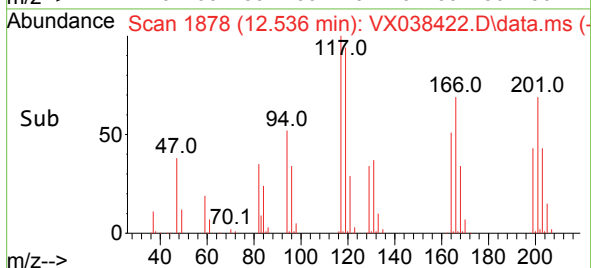
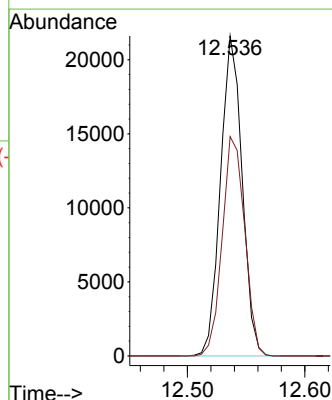
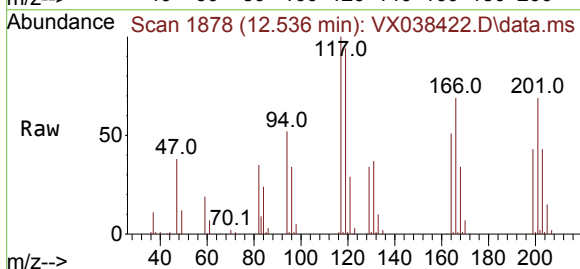
Acq: 23 Oct 2023 11:11

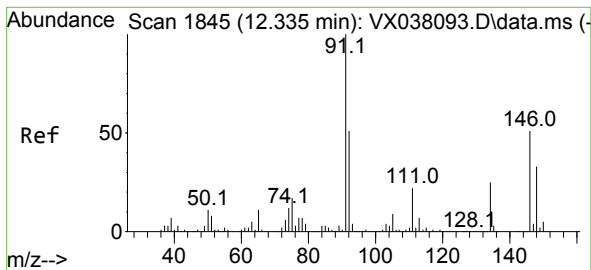
Tgt Ion: 117 Resp: 27587

Ion Ratio Lower Upper

117 100

201 71.5 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 20.453 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

Instrument :

MSVOA\_X

ClientSampleId :

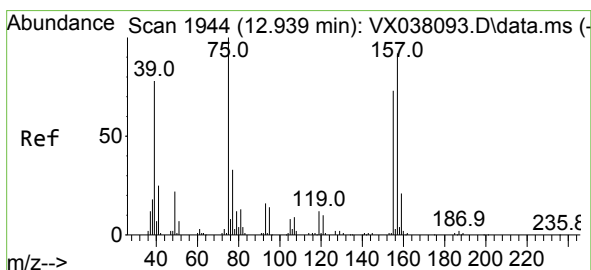
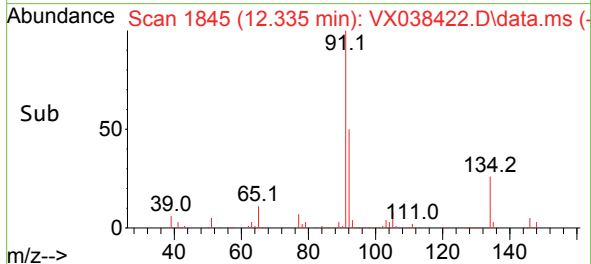
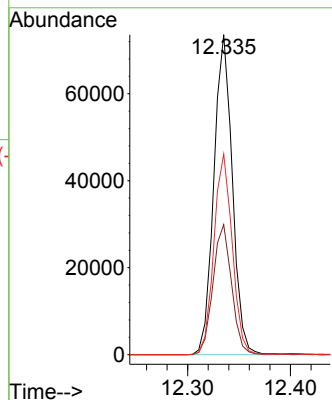
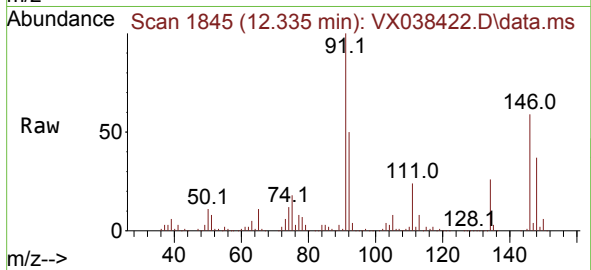
Tgt Ion:146 Resp: 91743

Ion Ratio Lower Upper

146 100

111 41.1 22.4 67.0

148 62.1 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.403 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

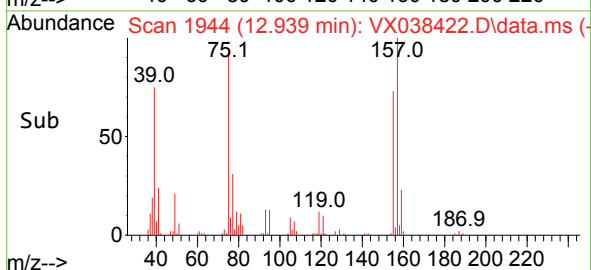
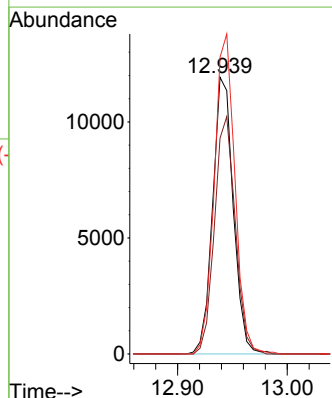
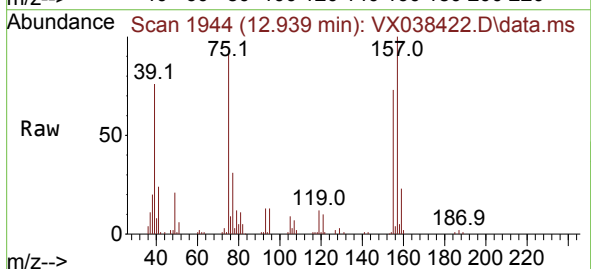
Tgt Ion: 75 Resp: 15537

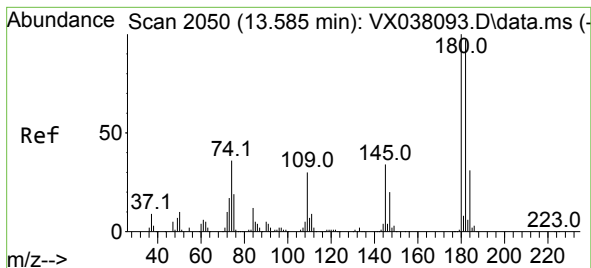
Ion Ratio Lower Upper

75 100

155 86.5 36.1 108.5

157 115.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.871 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

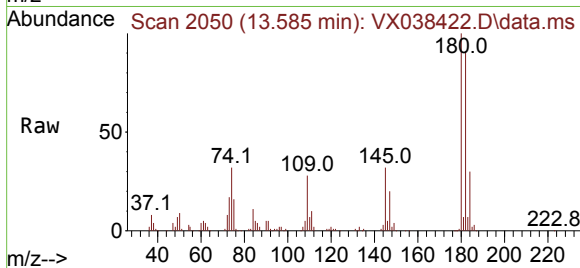
Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

Instrument :

MSVOA\_X

ClientSampleId :



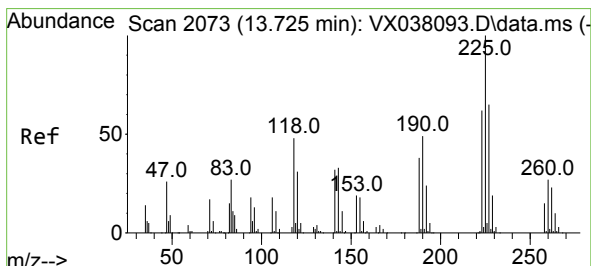
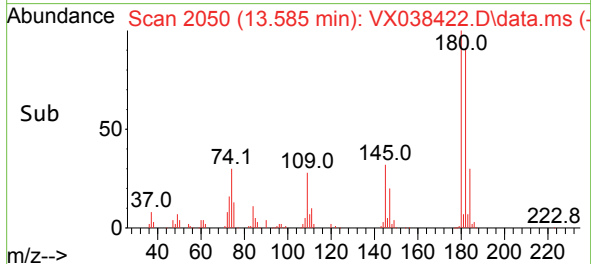
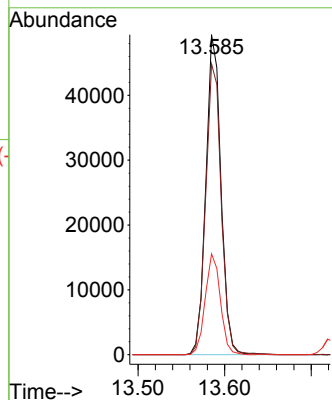
Tgt Ion:180 Resp: 59783

Ion Ratio Lower Upper

180 100

182 93.2 48.3 144.8

145 31.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 20.857 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

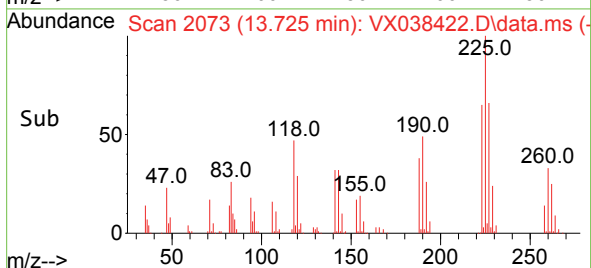
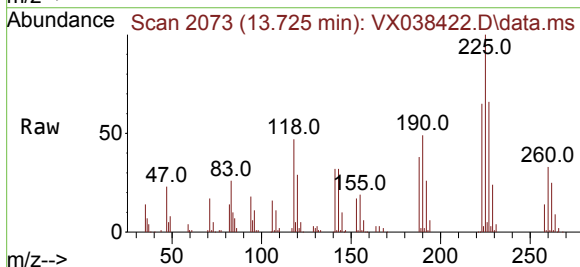
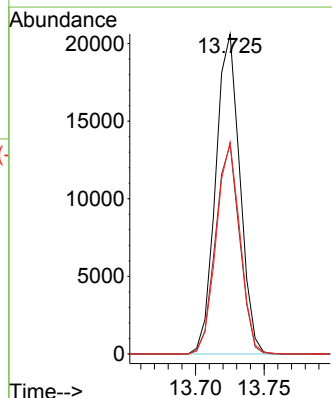
Tgt Ion:225 Resp: 25255

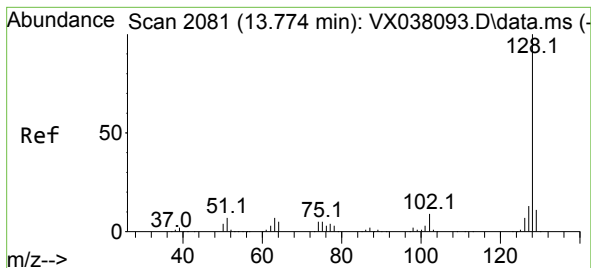
Ion Ratio Lower Upper

225 100

223 65.2 31.1 93.2

227 65.2 32.5 97.5





#95

Naphthalene

Concen: 19.022 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

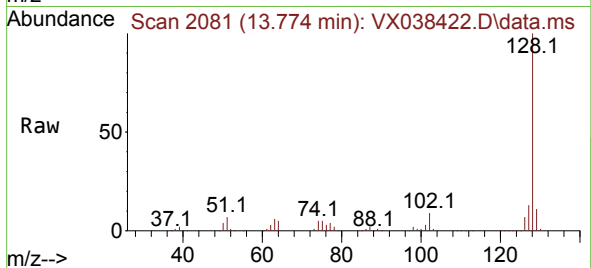
Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

Instrument :

MSVOA\_X

ClientSampleId :



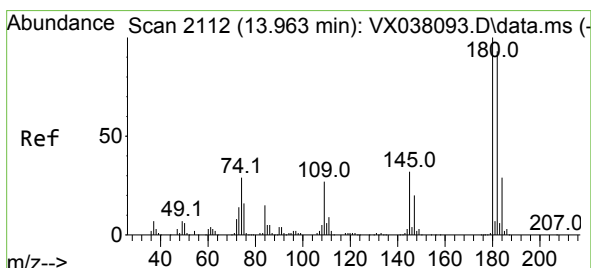
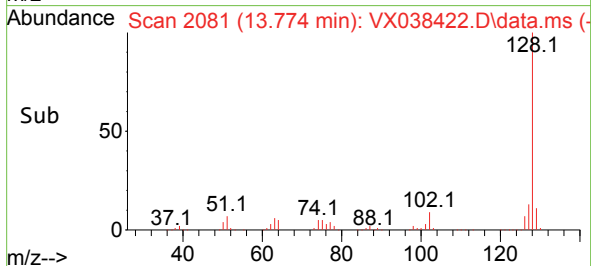
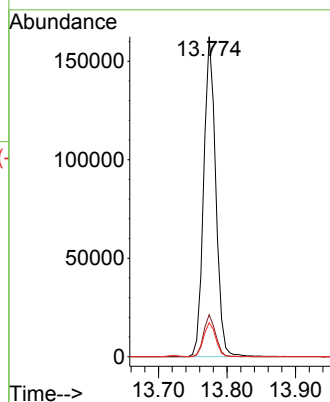
Tgt Ion:128 Resp: 199292

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.680 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038422.D

Acq: 23 Oct 2023 11:11

Tgt Ion:180 Resp: 57329

Ion Ratio Lower Upper

180 100

182 95.3 46.9 140.6

145 33.4 17.8 53.5

