

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111623\  
 Data File : VX038832.D  
 Acq On : 16 Nov 2023 10:57  
 Operator : JC/MD  
 Sample : VSTDIC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 16 22:41:57 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 16 15:22:11 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 179630   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 343280   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 312731   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 151995   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 59438    | 20.535   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 41.080%# |
| 35) Dibromofluoromethane     | 5.385  | 113   | 48644    | 19.620   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 39.240%# |
| 50) Toluene-d8               | 8.647  | 98    | 186433   | 19.654   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 39.300%# |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 73101    | 19.251   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 38.500%# |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 45704    | 21.806   | ug/l   | 99       |
| 3) Chloromethane             | 1.294  | 50    | 53232    | 19.459   | ug/l   | 97       |
| 4) Vinyl Chloride            | 1.374  | 62    | 55033    | 20.884   | ug/l   | 100      |
| 5) Bromomethane              | 1.605  | 94    | 33909    | 31.123   | ug/l   | 92       |
| 6) Chloroethane              | 1.685  | 64    | 31151    | 20.714   | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 66655    | 19.933   | ug/l   | 100      |
| 8) Diethyl Ether             | 2.130  | 74    | 28237    | 19.388   | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 44089    | 19.881   | ug/l   | 97       |
| 10) Methyl Iodide            | 2.453  | 142   | 55205    | 20.453   | ug/l   | 88       |
| 11) Tert butyl alcohol       | 2.947  | 59    | 81991    | 101.847  | ug/l # | 93       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 45452    | 20.301   | ug/l   | 86       |
| 13) Acrolein                 | 2.233  | 56    | 37313    | 87.606   | ug/l   | 100      |
| 14) Allyl chloride           | 2.666  | 41    | 90758    | 20.247   | ug/l   | 91       |
| 15) Acrylonitrile            | 3.062  | 53    | 172290   | 101.285  | ug/l   | 98       |
| 16) Acetone                  | 2.373  | 43    | 155430   | 100.874  | ug/l # | 86       |
| 17) Carbon Disulfide         | 2.514  | 76    | 132639   | 19.126   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.697  | 43    | 150072   | 20.505   | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 160580   | 20.392   | ug/l   | 96       |
| 20) Methylene Chloride       | 2.788  | 84    | 52921    | 19.053   | ug/l   | 96       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 48233    | 19.525   | ug/l   | 97       |
| 22) Diisopropyl ether        | 3.757  | 45    | 166131   | 20.203   | ug/l   | 94       |
| 23) Vinyl Acetate            | 3.721  | 43    | 605174   | 102.183  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 93389    | 20.308   | ug/l   | 99       |
| 25) 2-Butanone               | 4.550  | 43    | 252396   | 101.012  | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 4.471  | 77    | 77664    | 19.470   | ug/l   | 93       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 57329    | 19.909   | ug/l   | 94       |
| 28) Bromochloromethane       | 4.897  | 49    | 46379    | 21.006   | ug/l   | 98       |
| 29) Tetrahydrofuran          | 4.995  | 42    | 163564   | 103.096  | ug/l   | 96       |
| 30) Chloroform               | 5.092  | 83    | 89976    | 20.038   | ug/l   | 99       |
| 31) Cyclohexane              | 5.470  | 56    | 83232    | 20.141   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 77655    | 19.966   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 68014    | 19.141   | ug/l   | 97       |
| 37) Ethyl Acetate            | 4.708  | 43    | 89404    | 19.312   | ug/l   | 96       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 65130    | 19.832   | ug/l   | 98       |
| 39) Methylcyclohexane        | 7.379  | 83    | 88920    | 19.185   | ug/l   | 97       |
| 40) Benzene                  | 6.037  | 78    | 209637   | 19.947   | ug/l   | 98       |

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 Operator : JC/MD  
 Sample : VSTDIC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 16 22:41:57 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 16 15:22:11 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 46750    | 19.471  | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 67646    | 19.427  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 144407   | 19.518  | ug/l   | 96       |
| 44) Trichloroethene           | 7.129  | 130  | 50630    | 19.792  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 57138    | 20.203  | ug/l   | 97       |
| 46) Dibromomethane            | 7.580  | 93   | 38221    | 20.265  | ug/l   | 95       |
| 47) Bromodichloromethane      | 7.818  | 83   | 72256    | 19.302  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.690  | 41   | 67694    | 18.858  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 29222    | 420.779 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone      | 8.567  | 43   | 476134   | 100.703 | ug/l   | 98       |
| 52) Toluene                   | 8.720  | 92   | 128200   | 19.657  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 87178    | 19.597  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 91001    | 19.804  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 52437    | 19.269  | ug/l   | 90       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 91794    | 19.937  | ug/l   | 92       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 88306    | 19.621  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 225241   | 105.014 | ug/l   | 95       |
| 59) 2-Hexanone                | 9.427  | 43   | 380989   | 100.533 | ug/l   | 96       |
| 60) Dibromochloromethane      | 9.519  | 129  | 54219    | 19.595  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 57179    | 20.024  | ug/l   | 97       |
| 64) Tetrachloroethene         | 9.275  | 164  | 38981    | 20.053  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 132927   | 19.732  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 48145    | 19.868  | ug/l   | 97       |
| 67) Ethyl Benzene             | 10.195 | 91   | 248015   | 20.039  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 186102   | 39.750  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 92764    | 20.024  | ug/l   | 98       |
| 70) Styrene                   | 10.652 | 104  | 154257   | 19.716  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 39026    | 19.319  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 235531   | 19.889  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 122454   | 19.561  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 90202    | 19.512  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 106792   | 28.913  | ug/l   | 92       |
| 77) Bromobenzene              | 11.195 | 156  | 52829    | 19.853  | ug/l   | 96       |
| 78) n-propylbenzene           | 11.305 | 91   | 290137   | 19.904  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 169624   | 19.608  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 202106   | 20.297  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 33502    | 19.595  | ug/l # | 79       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 197573   | 19.807  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 195401   | 19.925  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 202299   | 20.072  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 255808   | 19.942  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 202151   | 19.631  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 104833   | 20.118  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 103286   | 19.366  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 201271   | 19.373  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 41476    | 20.170  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 99353    | 20.102  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 22512    | 19.876  | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 63752    | 19.249  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 22247    | 18.968  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 245646   | 19.915  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 62406    | 19.877  | ug/l   | 99       |

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Operator : JC/MD  
Sample : VSTDIC020  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Nov 16 22:41:57 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111623W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 16 15:22:11 2023  
Response via : Initial Calibration

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

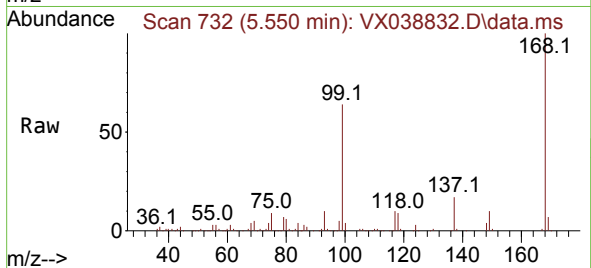
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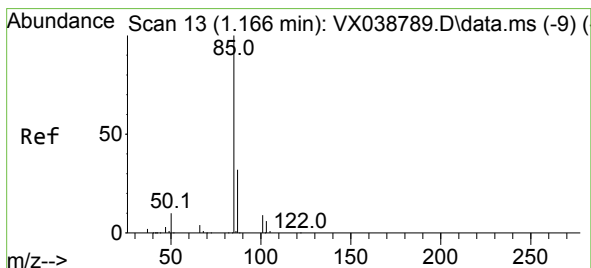
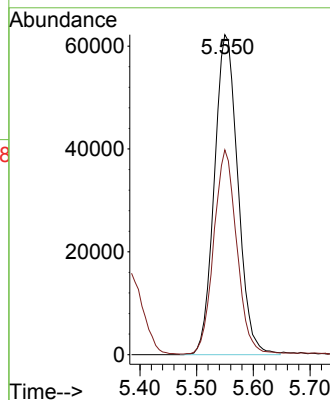
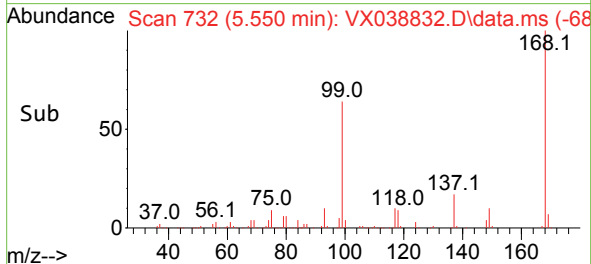


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :

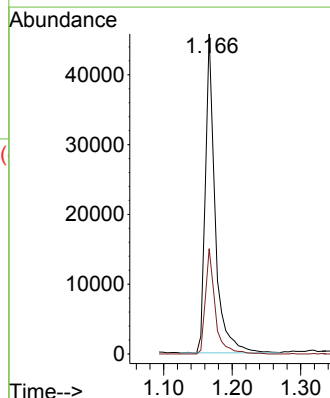
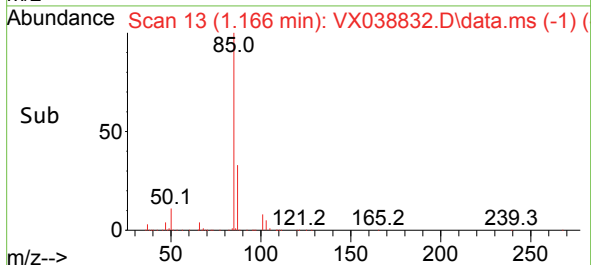
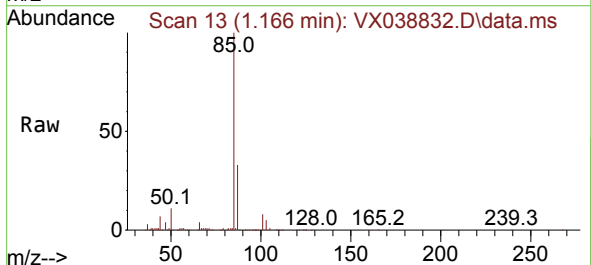


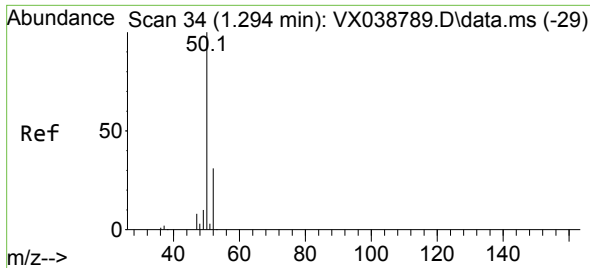
Tgt Ion:168 Resp: 179630  
Ion Ratio Lower Upper  
168 100  
99 63.8 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 21.806 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

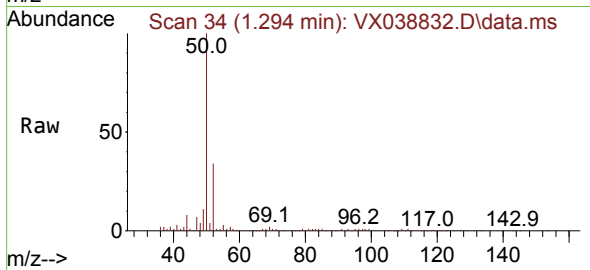
Tgt Ion: 85 Resp: 45704  
Ion Ratio Lower Upper  
85 100  
87 33.0 16.7 50.1



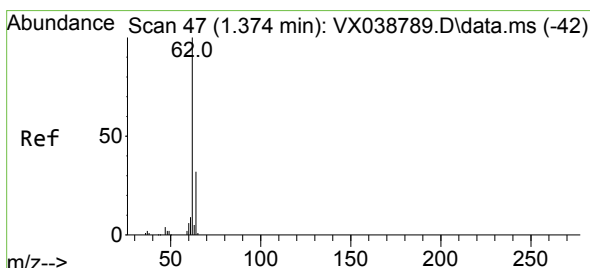
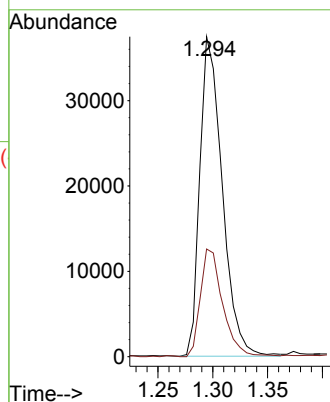
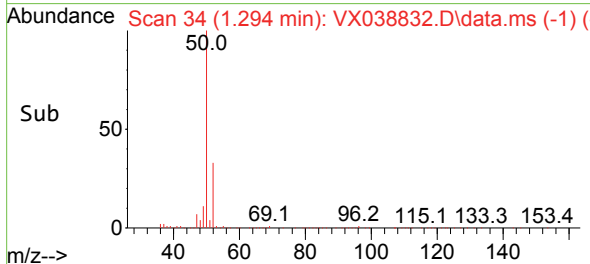


#3  
Chloromethane  
Concen: 19.459 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :

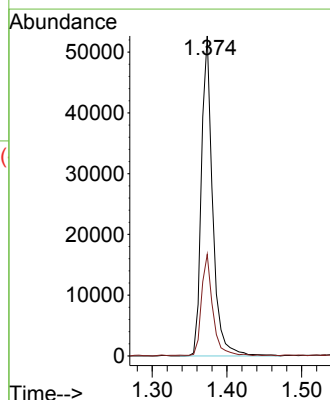
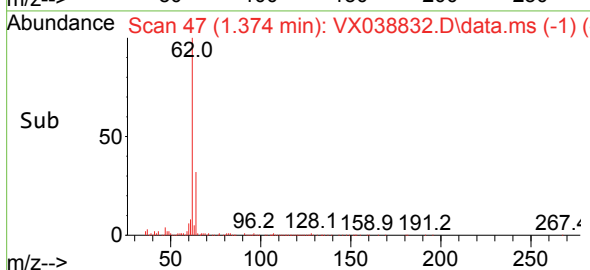
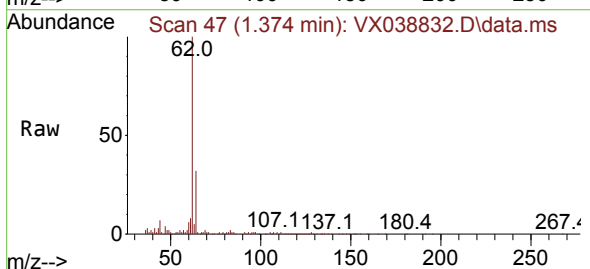


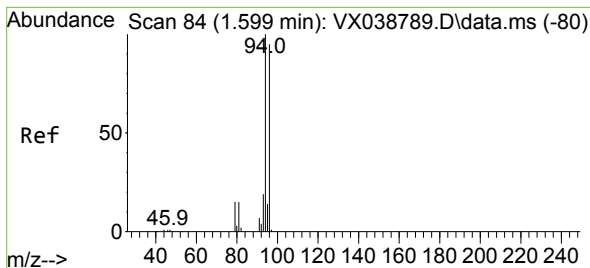
Tgt Ion: 50 Resp: 53232  
Ion Ratio Lower Upper  
50 100  
52 33.7 25.5 38.3



#4  
Vinyl Chloride  
Concen: 20.884 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Tgt Ion: 62 Resp: 55033  
Ion Ratio Lower Upper  
62 100  
64 31.6 25.4 38.0





#5

Bromomethane

Concen: 31.123 ug/l

RT: 1.605 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA\_X

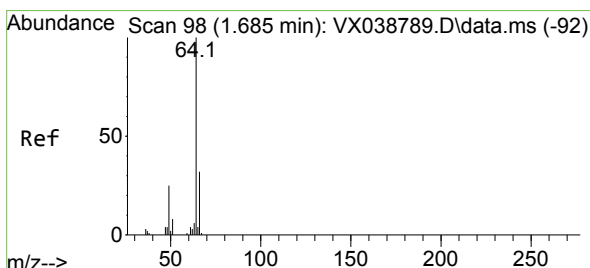
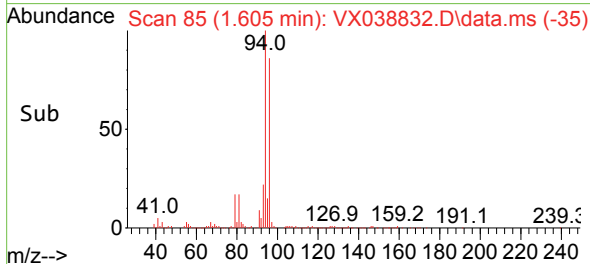
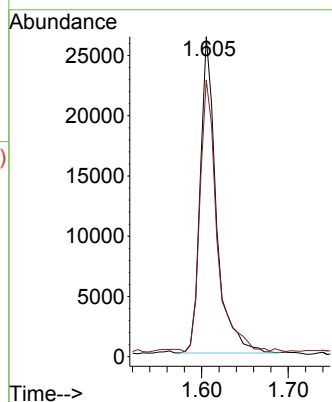
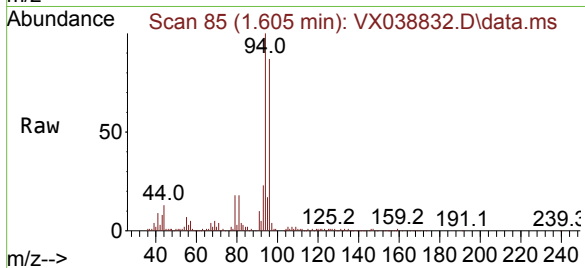
ClientSampleId :

Tgt Ion: 94 Resp: 33909

Ion Ratio Lower Upper

94 100

96 85.5 74.6 111.8



#6

Chloroethane

Concen: 20.714 ug/l

RT: 1.685 min Scan# 98

Delta R.T. -0.000 min

Lab File: VX038832.D

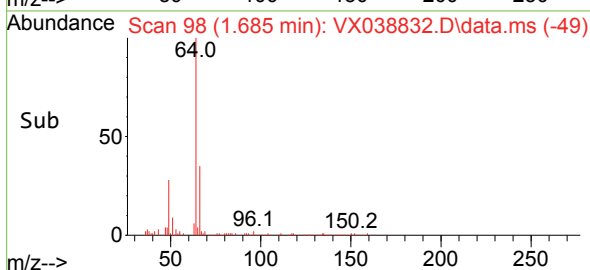
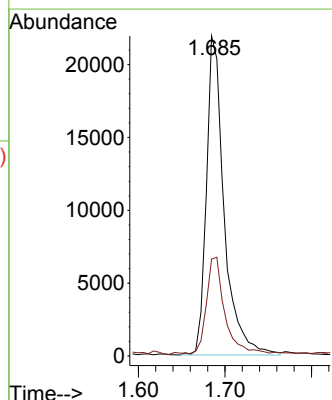
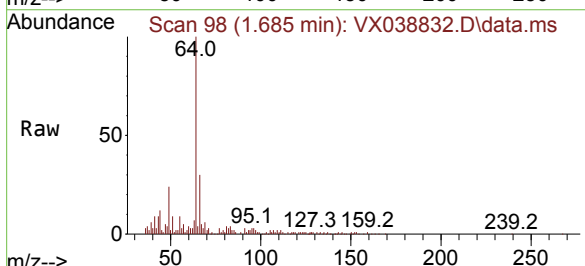
Acq: 16 Nov 2023 10:57

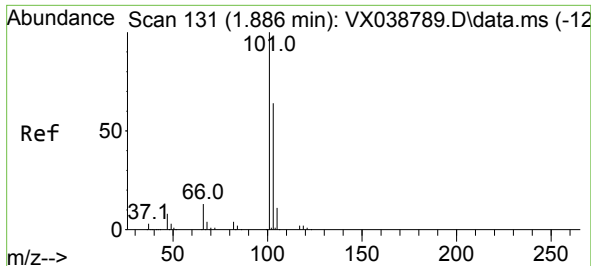
Tgt Ion: 64 Resp: 31151

Ion Ratio Lower Upper

64 100

66 29.4 25.1 37.7

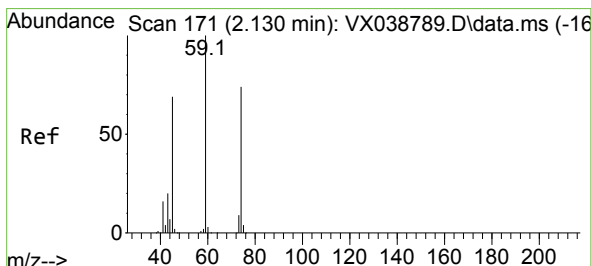
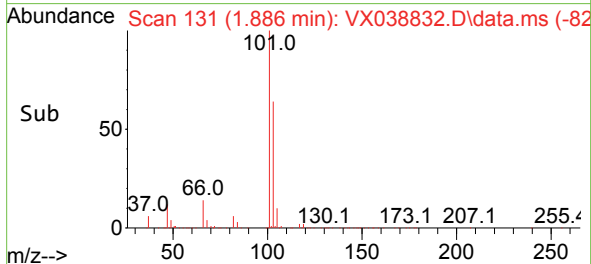
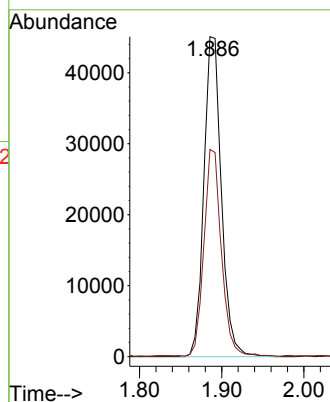
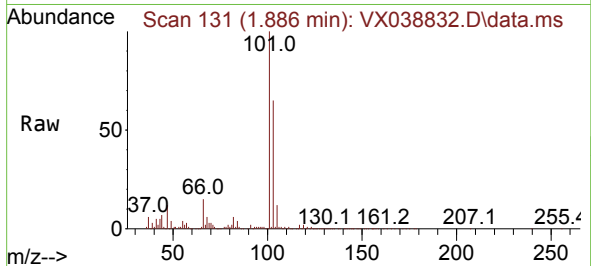




#7  
 Trichlorofluoromethane  
 Concen: 19.933 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX038832.D  
 Acq: 16 Nov 2023 10:57

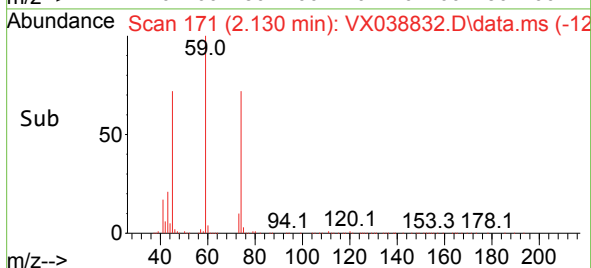
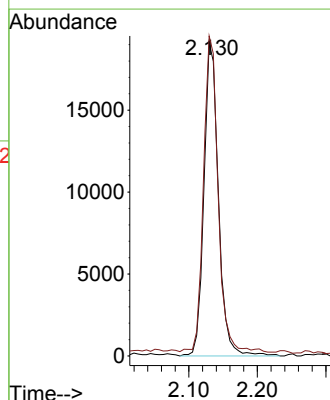
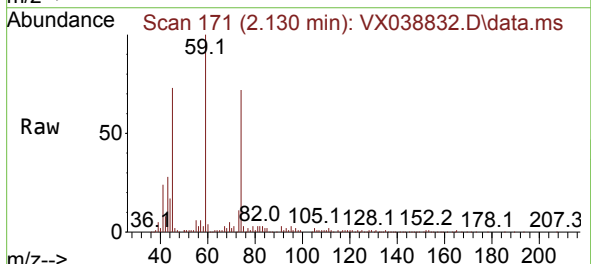
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion:101 Resp: 66655  
 Ion Ratio Lower Upper  
 101 100  
 103 64.6 51.4 77.2



#8  
 Diethyl Ether  
 Concen: 19.388 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. 0.000 min  
 Lab File: VX038832.D  
 Acq: 16 Nov 2023 10:57

Tgt Ion: 74 Resp: 28237  
 Ion Ratio Lower Upper  
 74 100  
 45 101.0 53.3 159.8

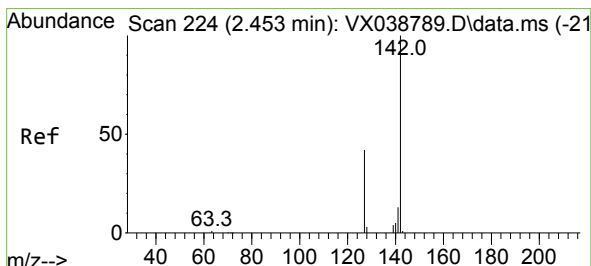
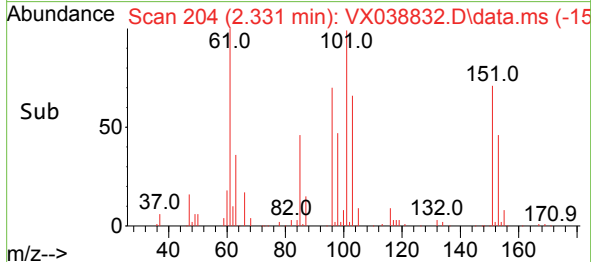
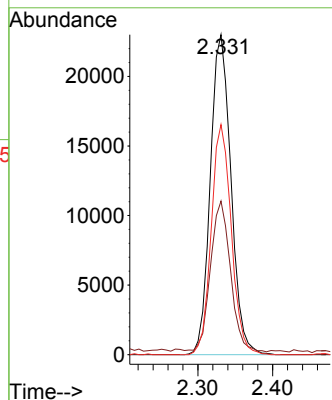
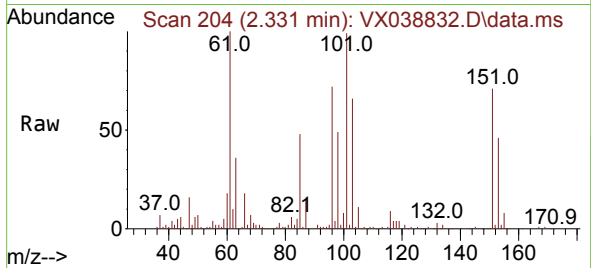




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.881 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

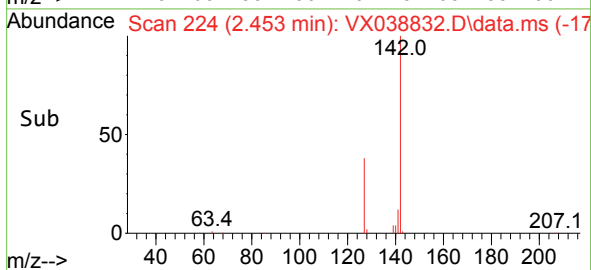
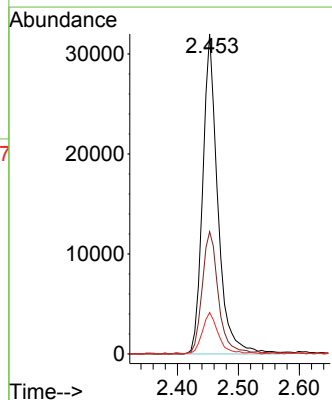
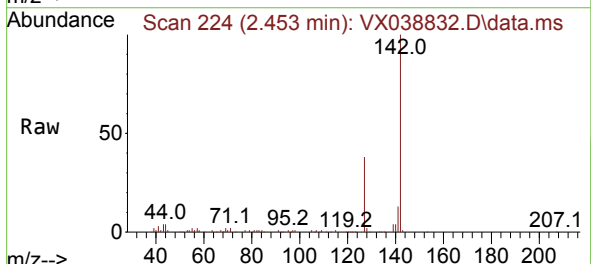
Instrument :  
MSVOA\_X  
ClientSampleId :

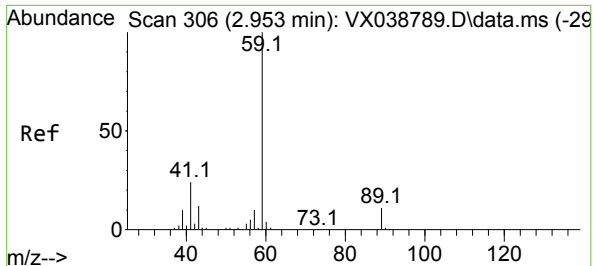
Tgt Ion:101 Resp: 44089  
Ion Ratio Lower Upper  
101 100  
85 45.7 37.0 55.6  
151 69.8 58.6 87.8



#10  
Methyl Iodide  
Concen: 20.453 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Tgt Ion:142 Resp: 55205  
Ion Ratio Lower Upper  
142 100  
127 41.7 41.6 62.4  
141 13.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 101.847 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

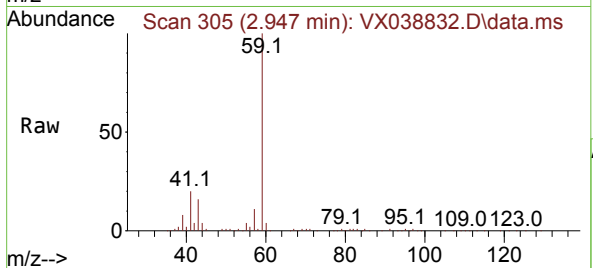
Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA\_X

ClientSampleId :

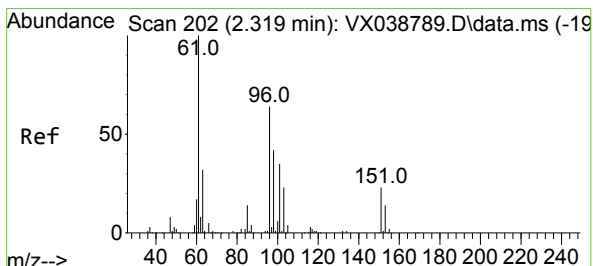
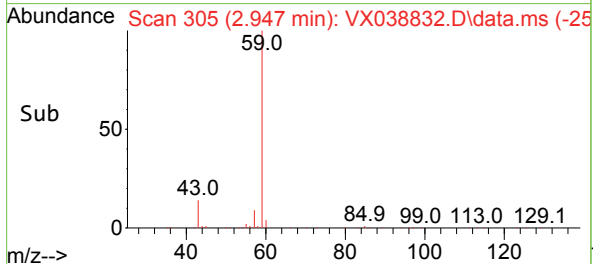
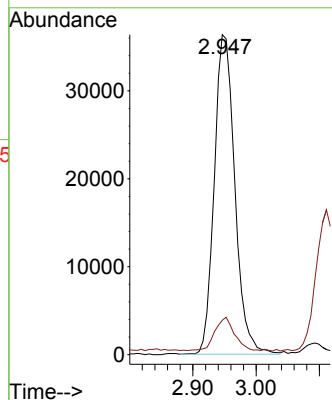


Tgt Ion: 59 Resp: 81991

Ion Ratio Lower Upper

59 100

57 9.9 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 20.301 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

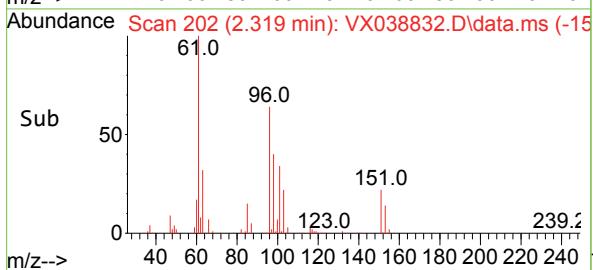
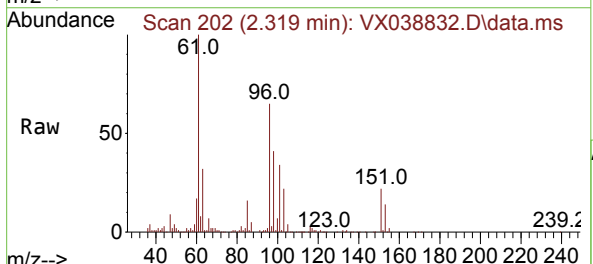
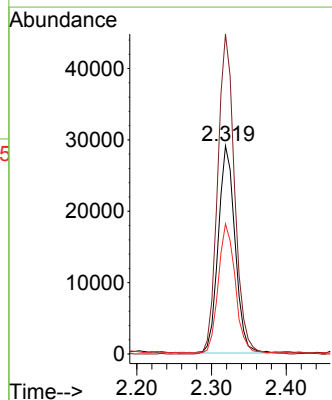
Tgt Ion: 96 Resp: 45452

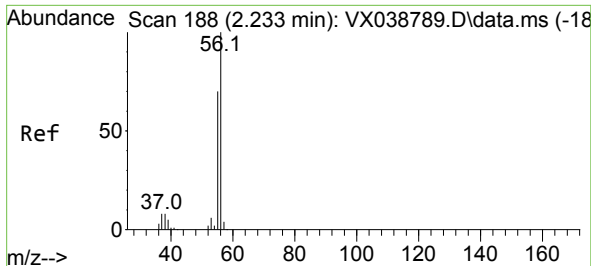
Ion Ratio Lower Upper

96 100

61 154.5 144.6 216.8

98 62.0 50.4 75.6





#13

Acrolein

Concen: 87.606 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA\_X

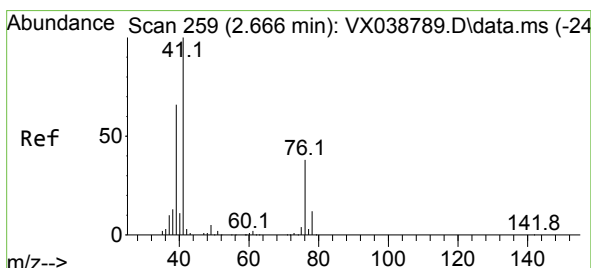
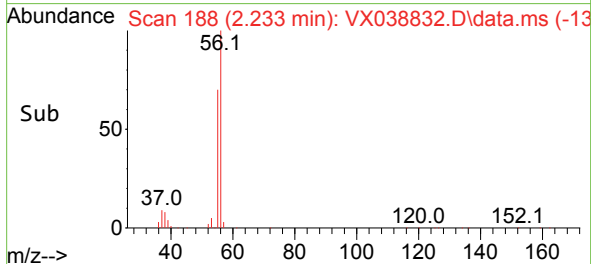
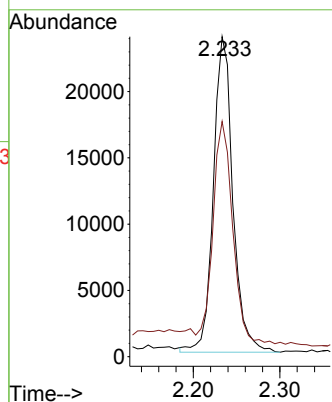
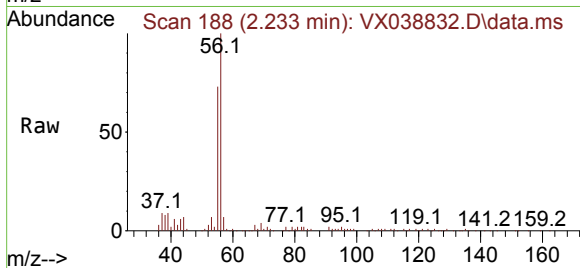
ClientSampleId :

Tgt Ion: 56 Resp: 37313

Ion Ratio Lower Upper

56 100

55 71.7 57.1 85.7



#14

Allyl chloride

Concen: 20.247 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

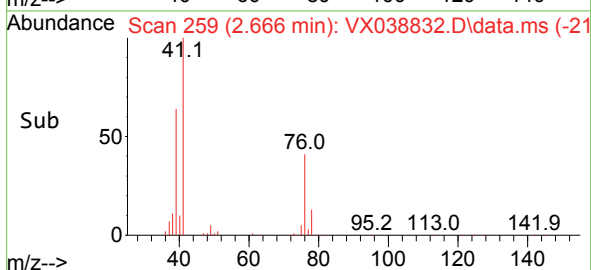
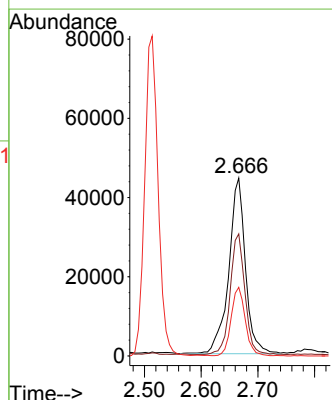
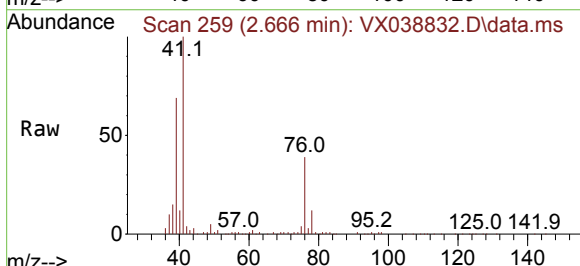
Tgt Ion: 41 Resp: 90758

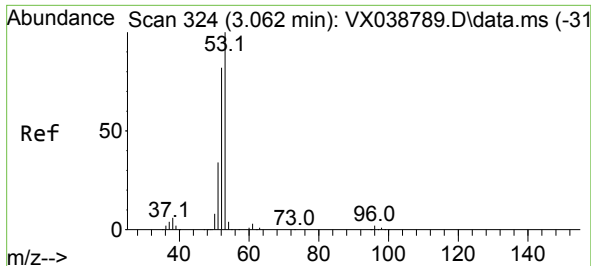
Ion Ratio Lower Upper

41 100

39 60.6 55.8 83.6

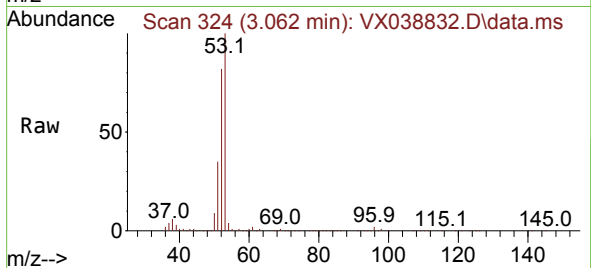
76 32.7 24.3 36.5



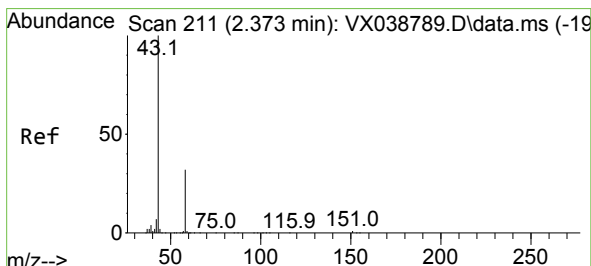
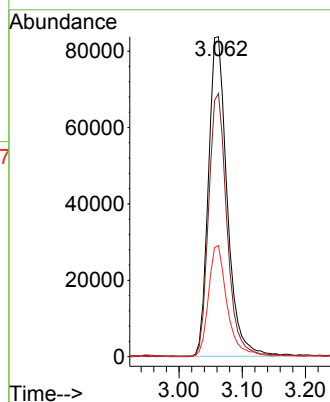
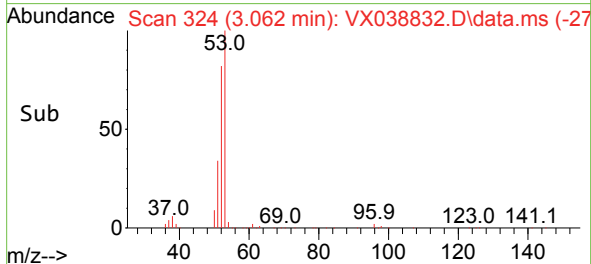


#15  
Acrylonitrile  
Concen: 101.285 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :

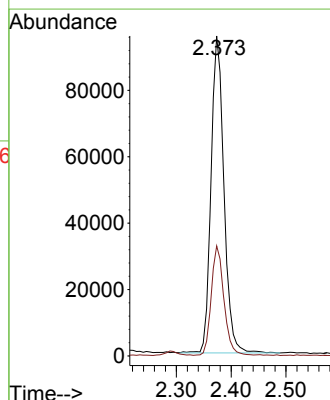
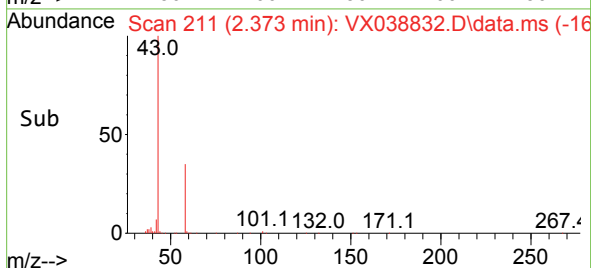
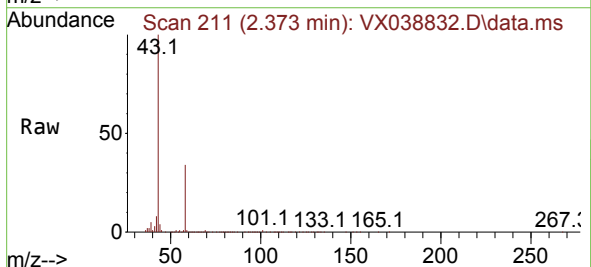


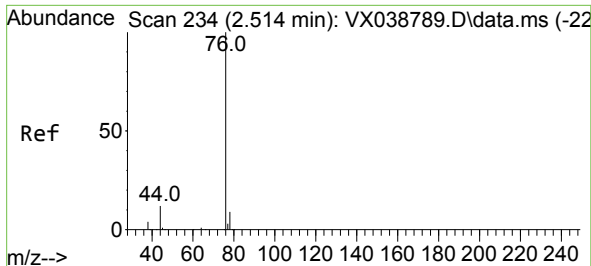
Tgt Ion: 53 Resp: 172290  
Ion Ratio Lower Upper  
53 100  
52 81.5 66.0 99.0  
51 34.5 29.8 44.6



#16  
Acetone  
Concen: 100.874 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Tgt Ion: 43 Resp: 155430  
Ion Ratio Lower Upper  
43 100  
58 34.5 21.9 32.9#





#17

Carbon Disulfide

Concen: 19.126 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA\_X

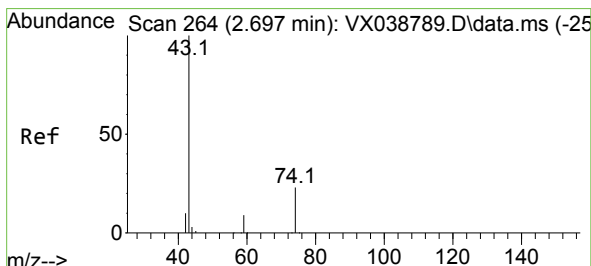
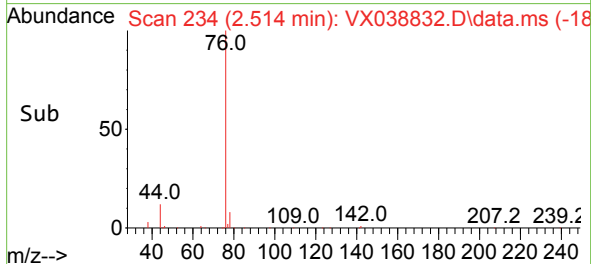
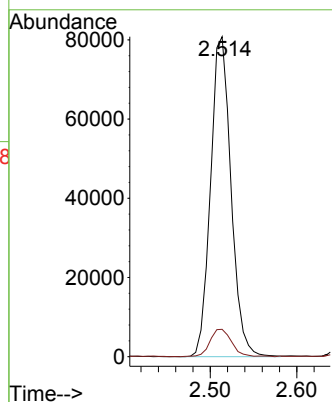
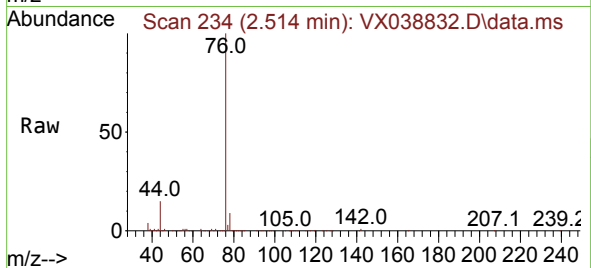
ClientSampleId :

Tgt Ion: 76 Resp: 132639

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.6



#18

Methyl Acetate

Concen: 20.505 ug/l

RT: 2.697 min Scan# 264

Delta R.T. 0.000 min

Lab File: VX038832.D

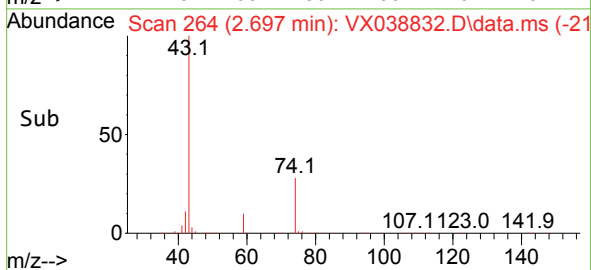
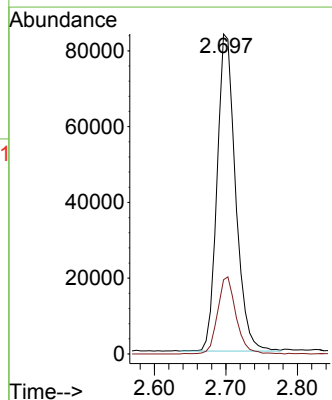
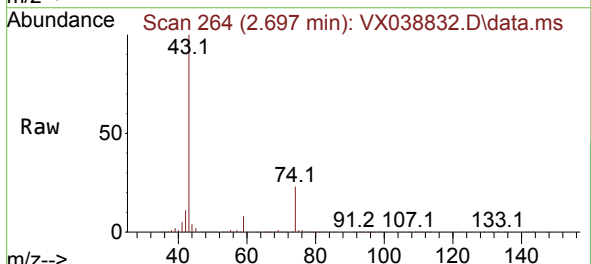
Acq: 16 Nov 2023 10:57

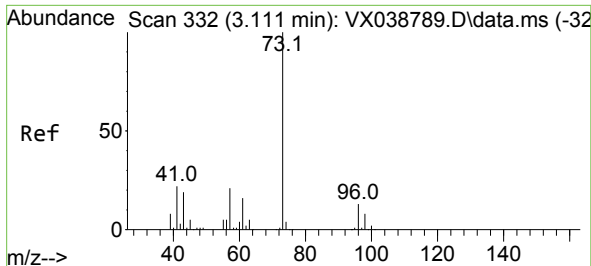
Tgt Ion: 43 Resp: 150072

Ion Ratio Lower Upper

43 100

74 24.4 17.8 26.8

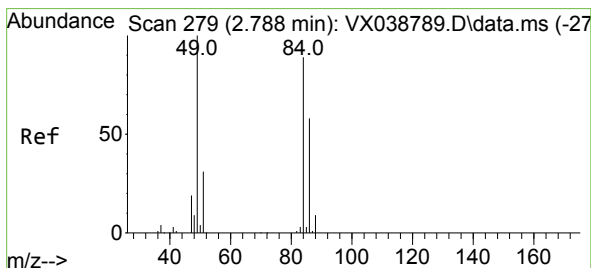
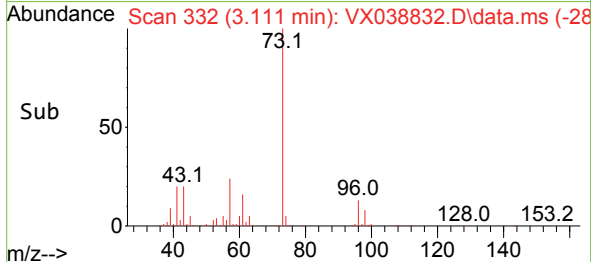
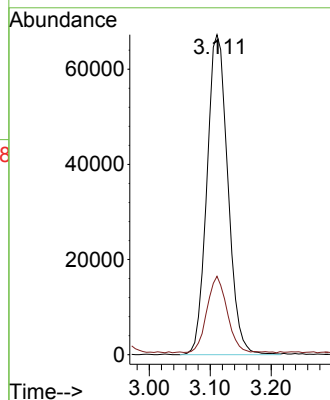
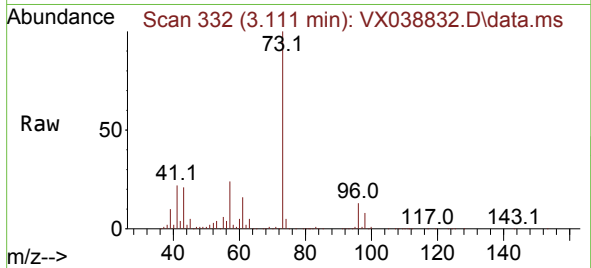




#19  
Methyl tert-butyl Ether  
Concen: 20.392 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

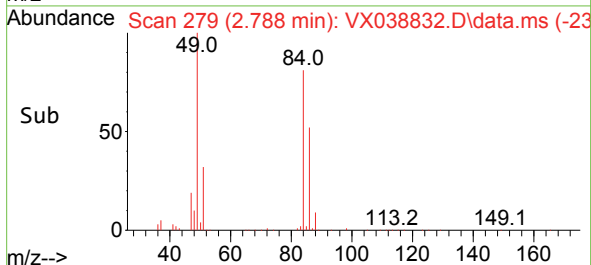
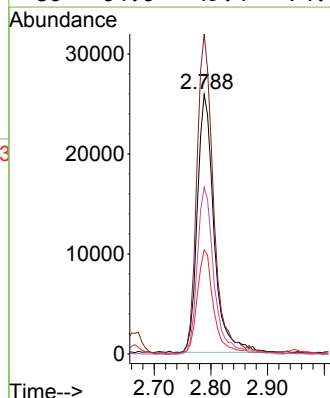
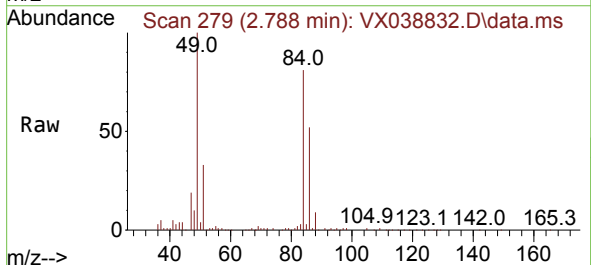
Instrument :  
MSVOA\_X  
ClientSampleId :

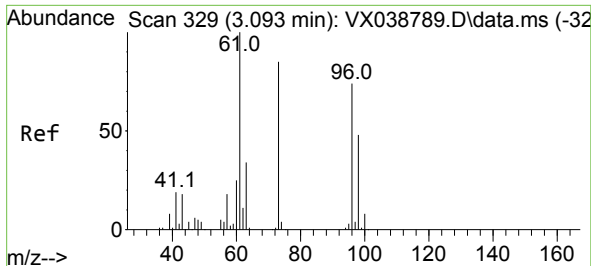
Tgt Ion: 73 Resp: 160580  
Ion Ratio Lower Upper  
73 100  
57 23.6 17.3 25.9



#20  
Methylene Chloride  
Concen: 19.053 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Tgt Ion: 84 Resp: 52921  
Ion Ratio Lower Upper  
84 100  
49 123.8 103.6 155.4  
51 40.0 33.8 50.6  
86 64.6 49.4 74.0

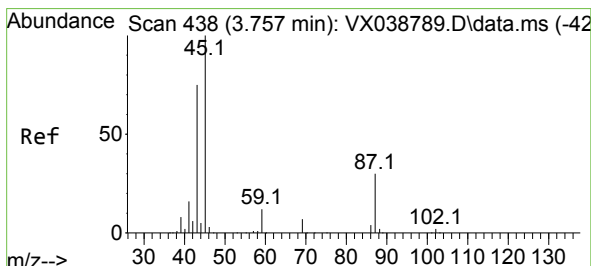
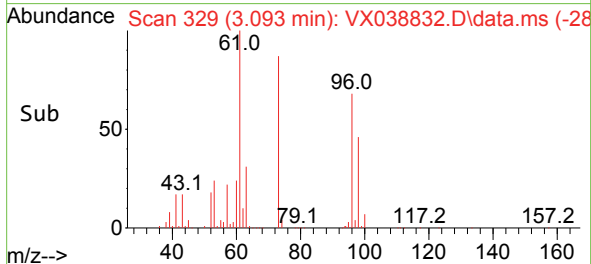
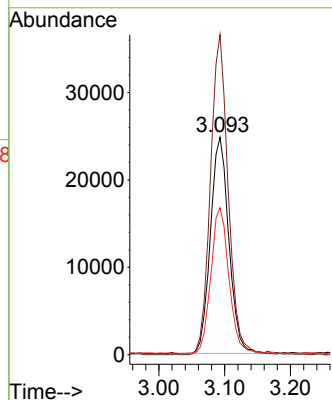
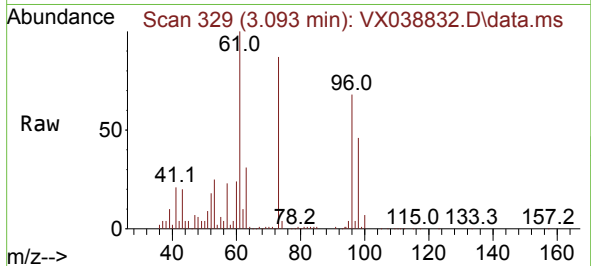




#21  
trans-1,2-Dichloroethene  
Concen: 19.525 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

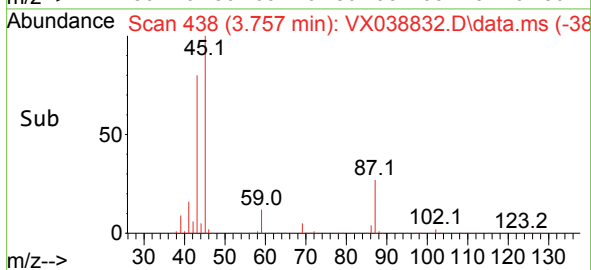
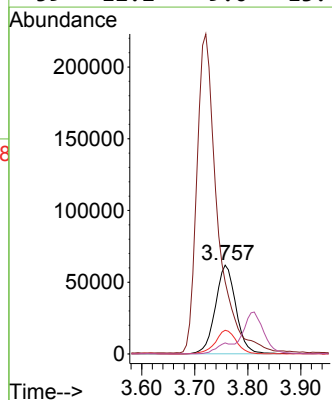
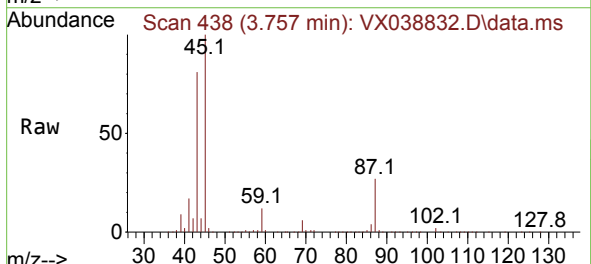
Instrument :  
MSVOA\_X  
ClientSampleId :

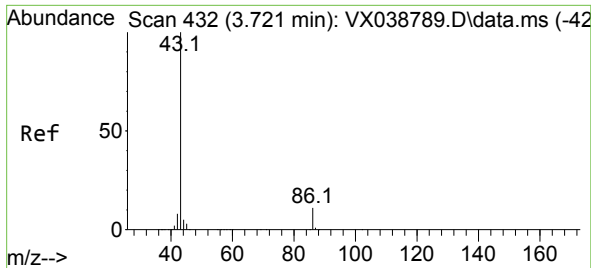
Tgt Ion: 96 Resp: 48233  
Ion Ratio Lower Upper  
96 100  
61 148.0 119.2 178.8  
98 67.5 48.7 73.1



#22  
Diisopropyl ether  
Concen: 20.203 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Tgt Ion: 45 Resp: 166131  
Ion Ratio Lower Upper  
45 100  
43 80.1 69.7 104.5  
87 26.8 20.8 31.2  
59 12.2 9.0 13.4

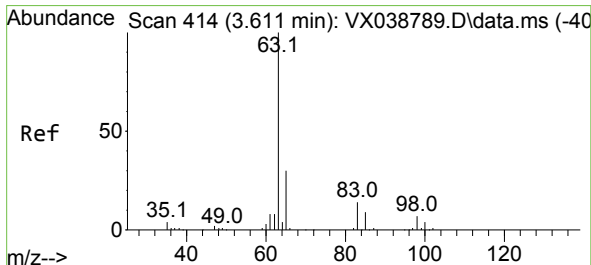
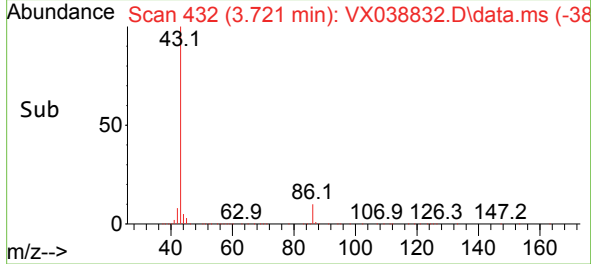
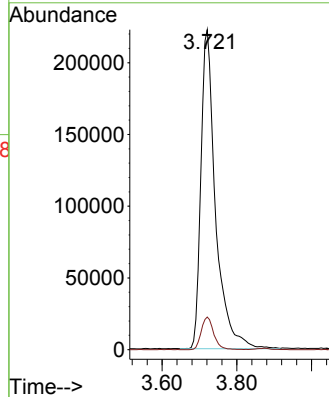
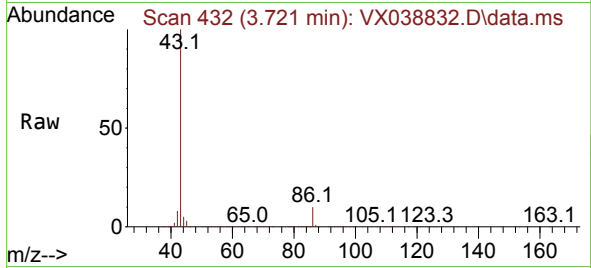




#23  
 Vinyl Acetate  
 Concen: 102.183 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX038832.D  
 Acq: 16 Nov 2023 10:57

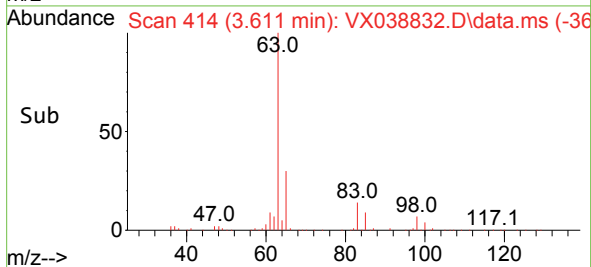
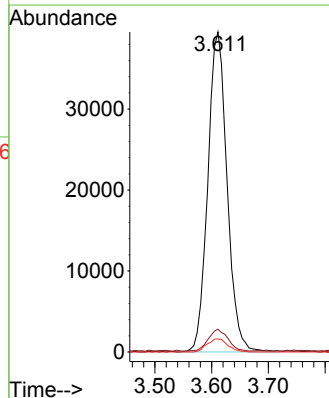
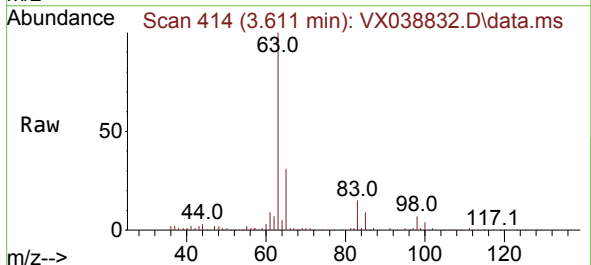
Instrument :  
 MSVOA\_X  
 ClientSampleId :

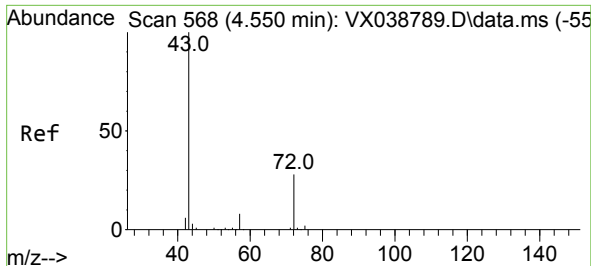
Tgt Ion: 43 Resp: 605174  
 Ion Ratio Lower Upper  
 43 100  
 86 10.2 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 20.308 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX038832.D  
 Acq: 16 Nov 2023 10:57

Tgt Ion: 63 Resp: 93389  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.3 9.8  
 100 4.1 2.1 6.5

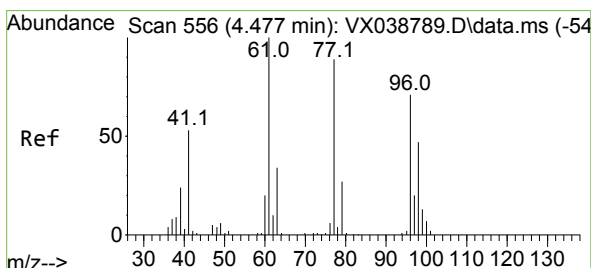
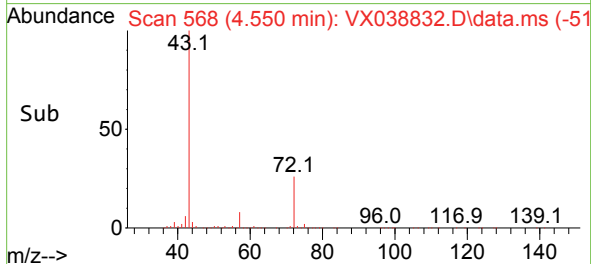
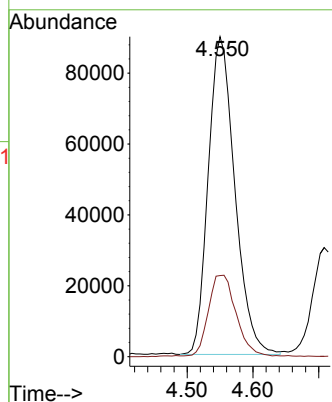
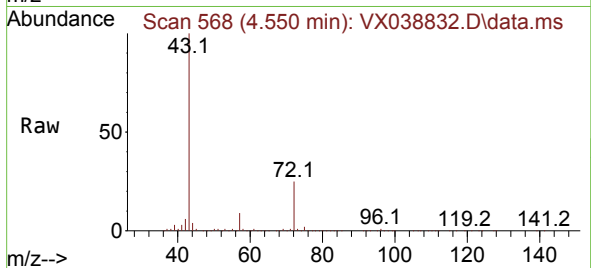




#25  
2-Butanone  
Concen: 101.012 ug/l  
RT: 4.550 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

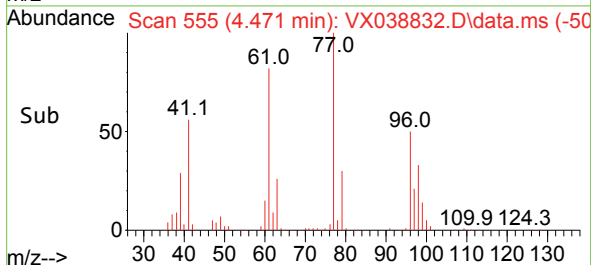
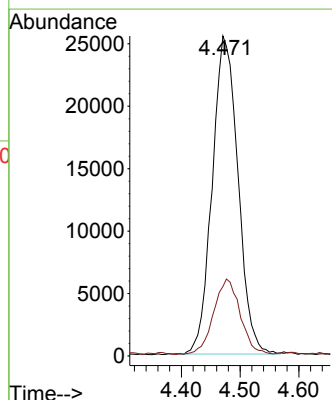
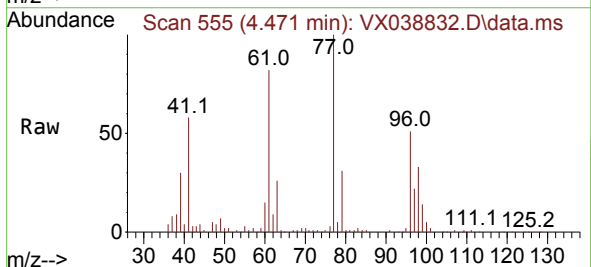
Instrument :  
MSVOA\_X  
ClientSampleId :

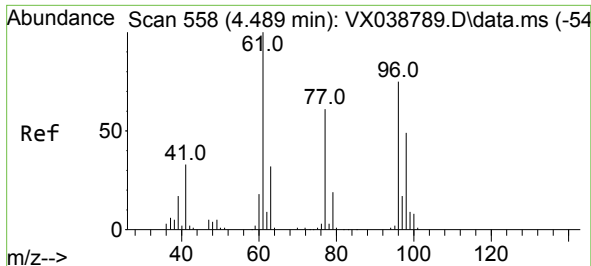
Tgt Ion: 43 Resp: 252396  
Ion Ratio Lower Upper  
43 100  
72 25.3 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 19.470 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. -0.006 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Tgt Ion: 77 Resp: 77664  
Ion Ratio Lower Upper  
77 100  
97 24.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.909 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA\_X

ClientSampleId :

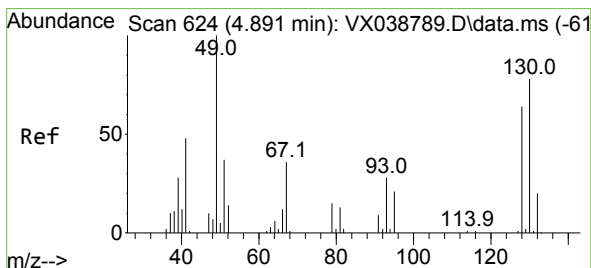
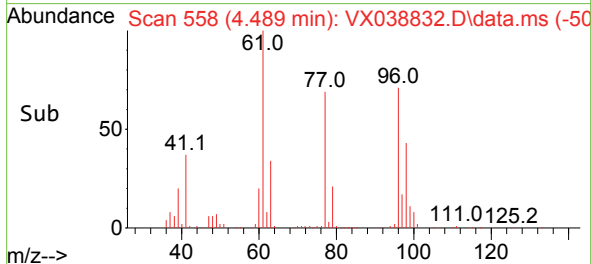
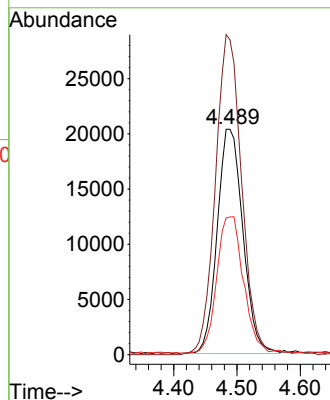
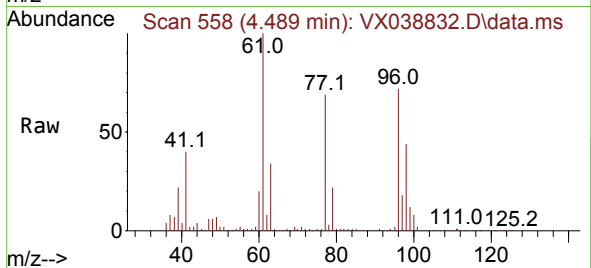
Tgt Ion: 96 Resp: 57329

Ion Ratio Lower Upper

96 100

61 146.6 0.0 312.2

98 62.6 0.0 129.0



#28

Bromochloromethane

Concen: 21.006 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

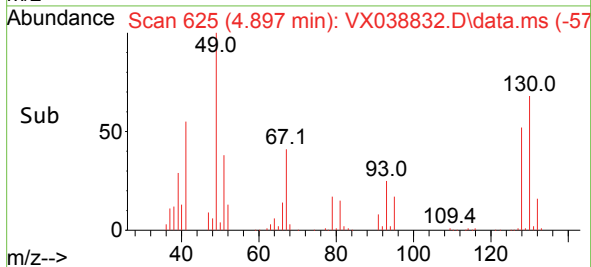
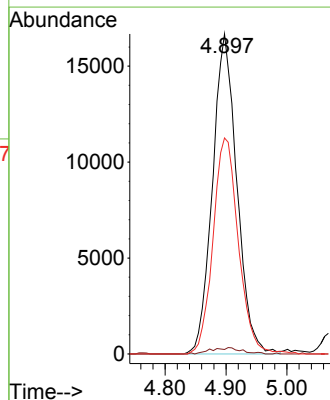
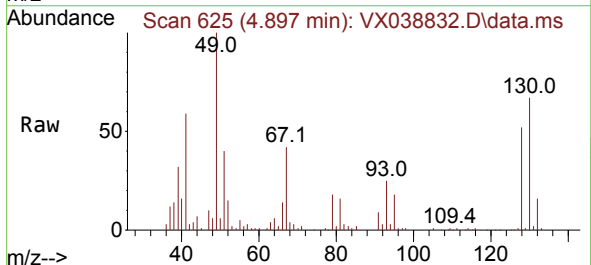
Tgt Ion: 49 Resp: 46379

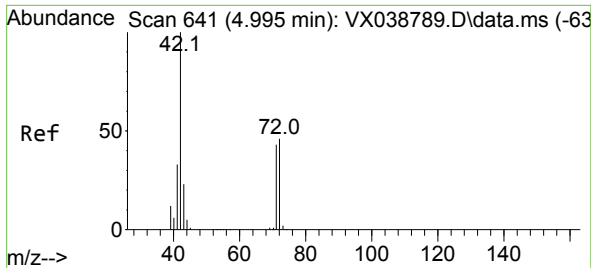
Ion Ratio Lower Upper

49 100

129 2.5 0.0 3.8

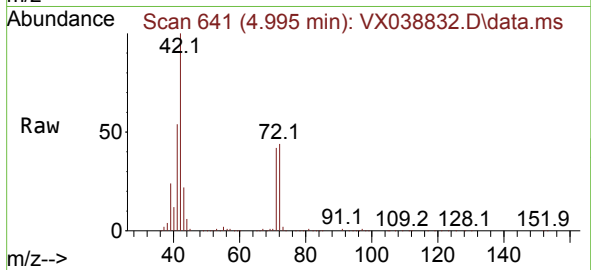
130 70.2 57.5 86.3



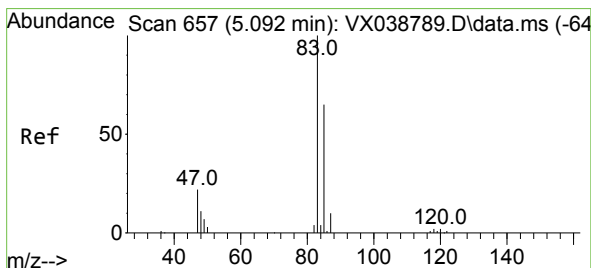
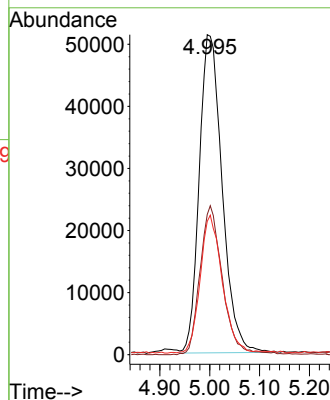
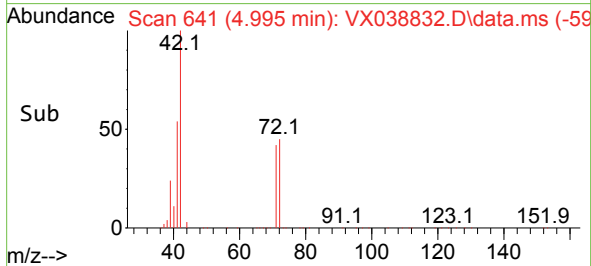


#29  
Tetrahydrofuran  
Concen: 103.096 ug/l  
RT: 4.995 min Scan# 641  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :

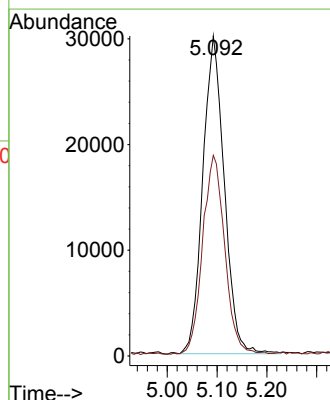
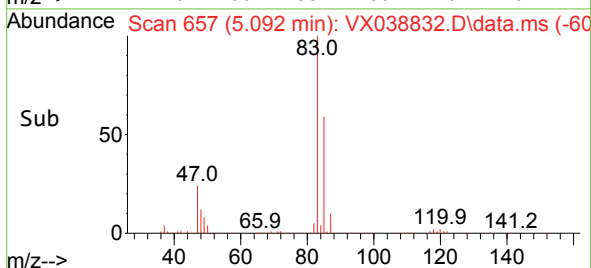
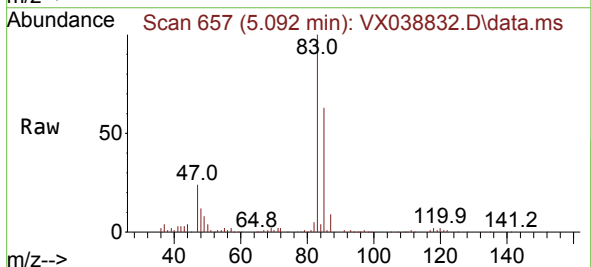


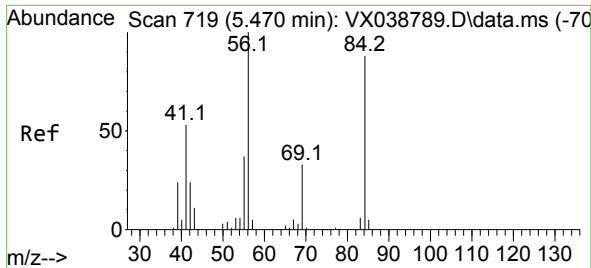
Tgt Ion: 42 Resp: 163564  
Ion Ratio Lower Upper  
42 100  
72 45.9 34.2 51.4  
71 41.8 32.2 48.2



#30  
Chloroform  
Concen: 20.038 ug/l  
RT: 5.092 min Scan# 657  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

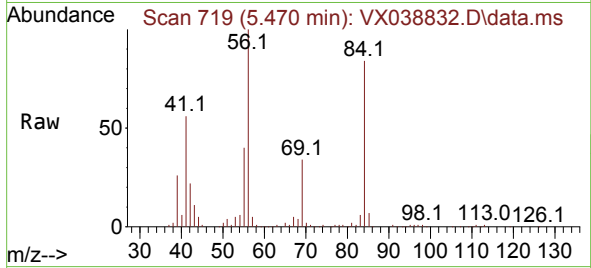
Tgt Ion: 83 Resp: 89976  
Ion Ratio Lower Upper  
83 100  
85 62.4 50.3 75.5



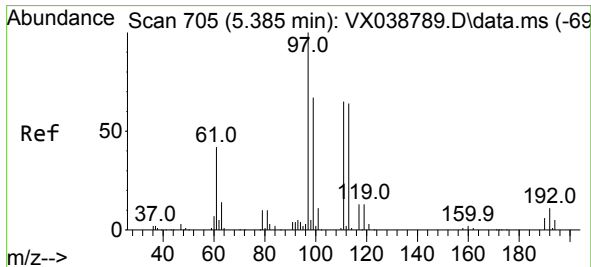
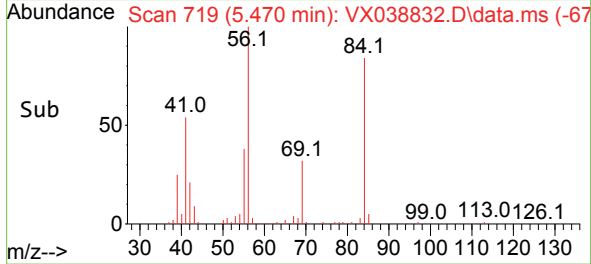
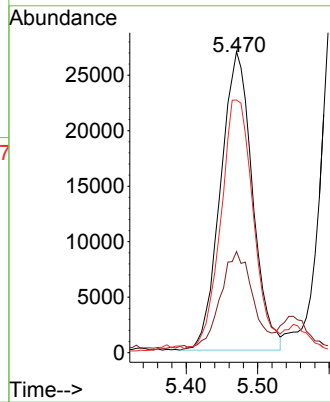


#31  
Cyclohexane  
Concen: 20.141 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :

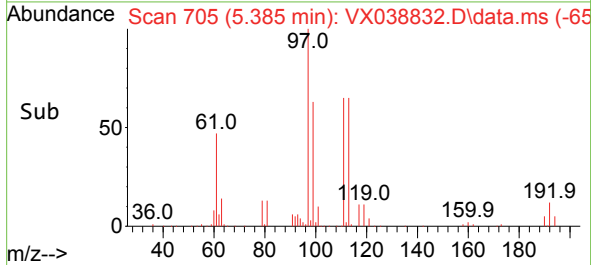
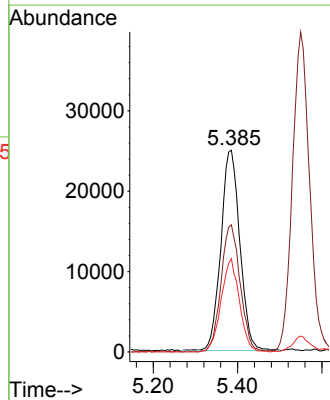
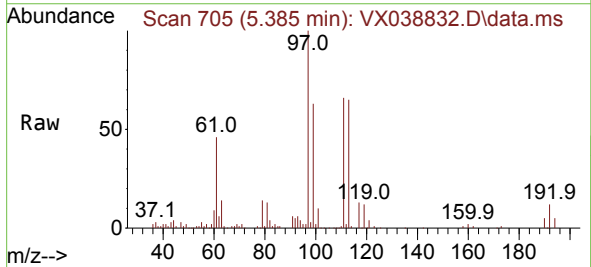


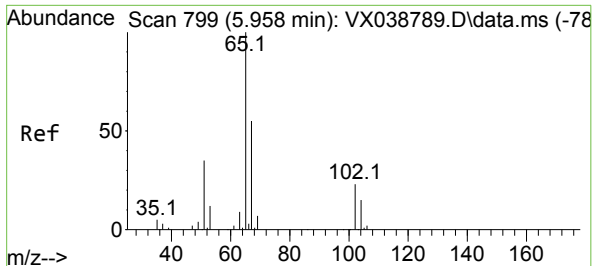
Tgt Ion: 56 Resp: 83232  
Ion Ratio Lower Upper  
56 100  
69 31.8 23.4 35.2  
84 82.4 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 19.966 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Tgt Ion: 97 Resp: 77655  
Ion Ratio Lower Upper  
97 100  
99 64.1 51.1 76.7  
61 44.9 36.4 54.6

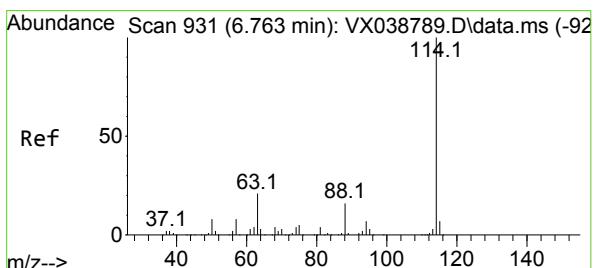
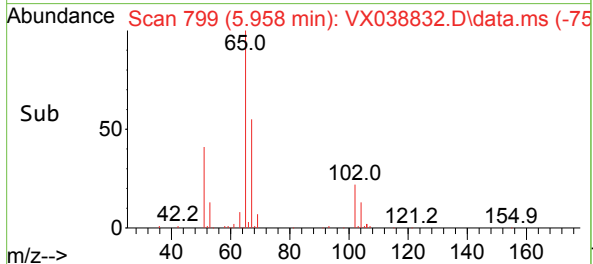
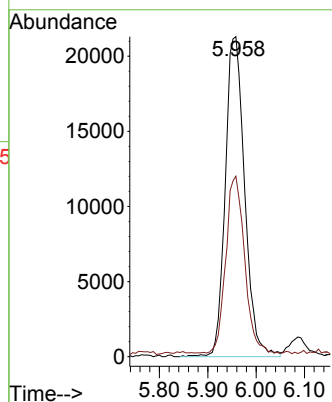
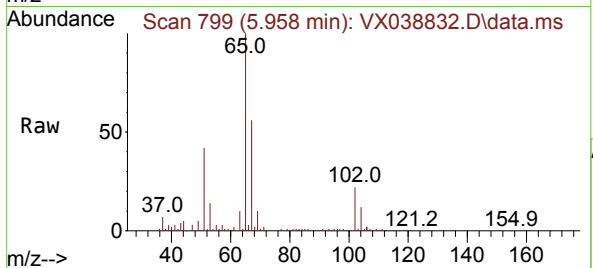




#33  
1,2-Dichloroethane-d4  
Concen: 20.535 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

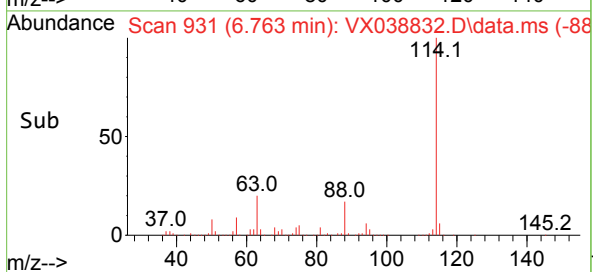
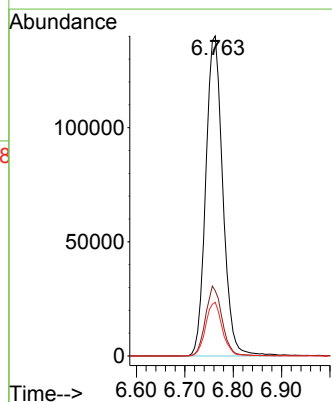
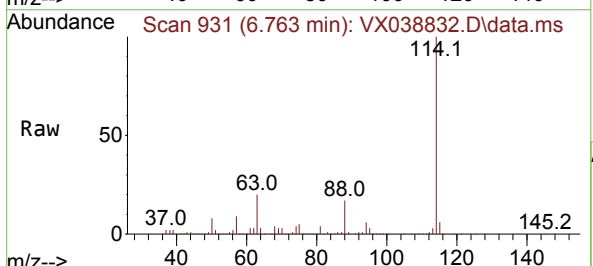
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 65 Resp: 59438  
Ion Ratio Lower Upper  
65 100  
67 53.9 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: VX038832.D  
Acq: 16 Nov 2023 10:57

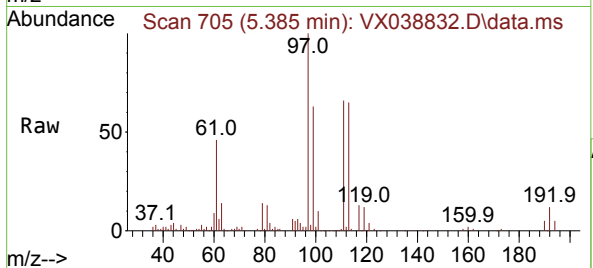
Tgt Ion: 114 Resp: 343280  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 45.0  
88 16.7 0.0 36.6



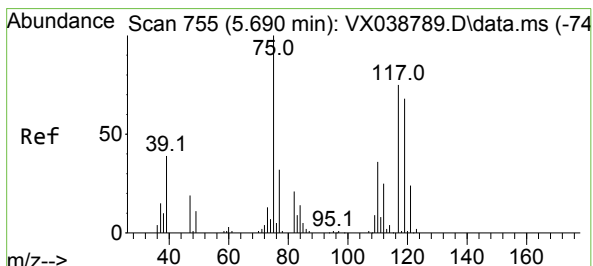
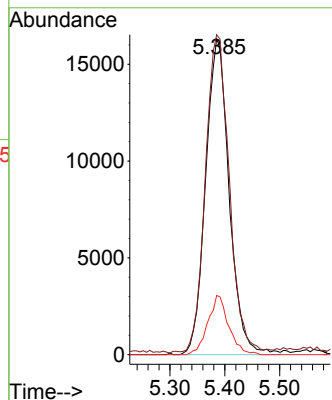
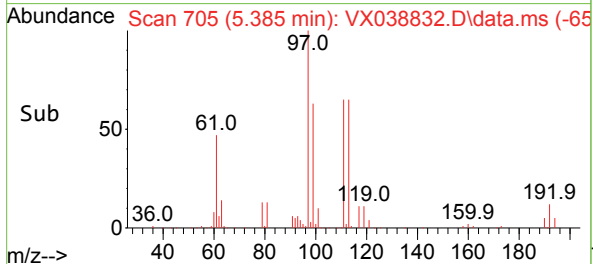


#35  
Dibromofluoromethane  
Concen: 19.620 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :

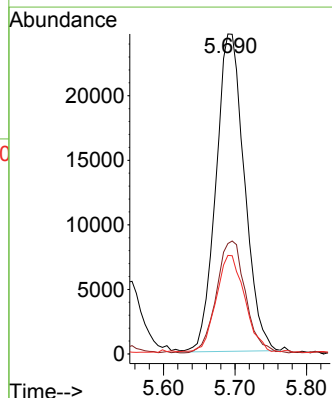
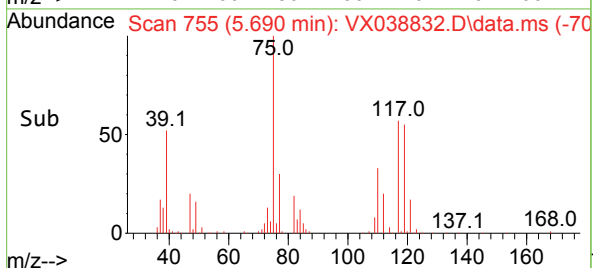
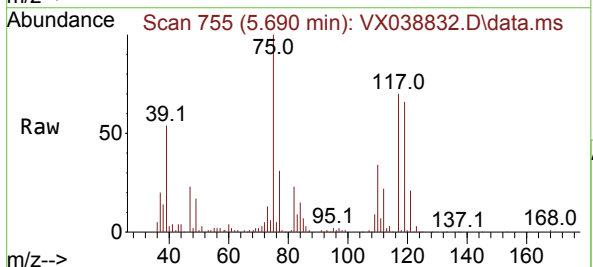


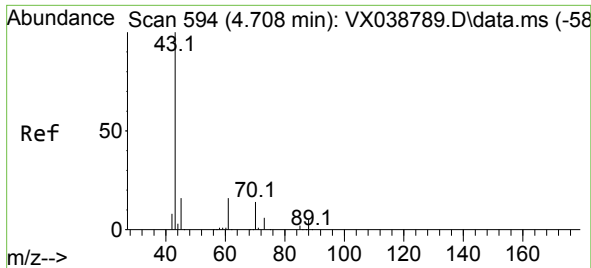
Tgt Ion:113 Resp: 48644  
Ion Ratio Lower Upper  
113 100  
111 102.5 82.9 124.3  
192 16.5 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 19.141 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Tgt Ion: 75 Resp: 68014  
Ion Ratio Lower Upper  
75 100  
110 36.3 17.0 50.9  
77 30.4 24.7 37.1

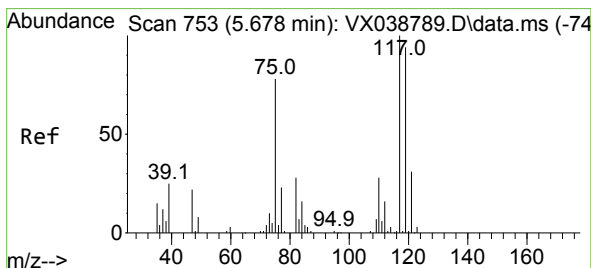
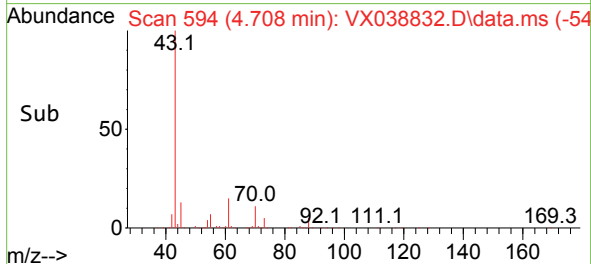
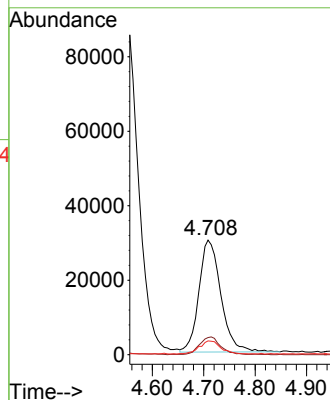
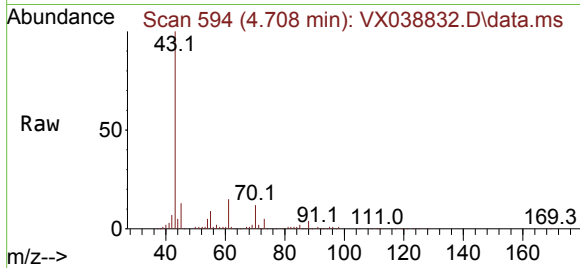




#37  
Ethyl Acetate  
Concen: 19.312 ug/l  
RT: 4.708 min Scan# 594  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

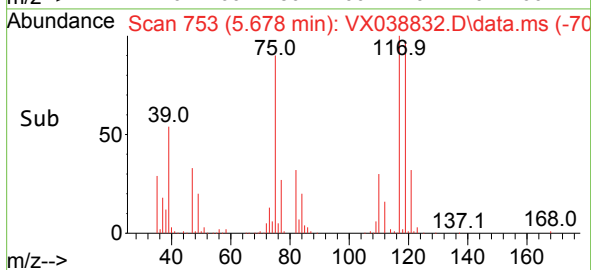
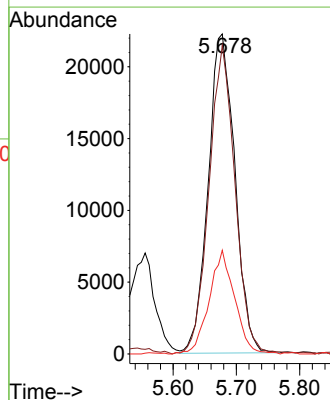
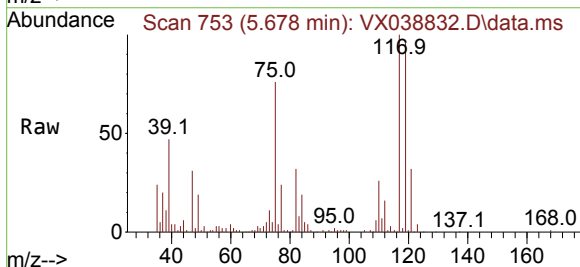
Instrument :  
MSVOA\_X  
ClientSampleId :

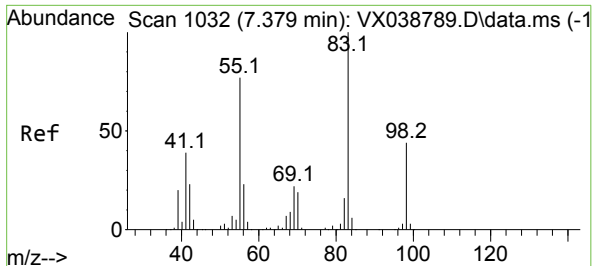
Tgt Ion: 43 Resp: 89404  
Ion Ratio Lower Upper  
43 100  
61 15.3 10.6 16.0  
70 11.3 8.3 12.5



#38  
Carbon Tetrachloride  
Concen: 19.832 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Tgt Ion:117 Resp: 65130  
Ion Ratio Lower Upper  
117 100  
119 96.5 78.2 117.2  
121 32.5 24.4 36.6





#39

Methylcyclohexane

Concen: 19.185 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX038832.D

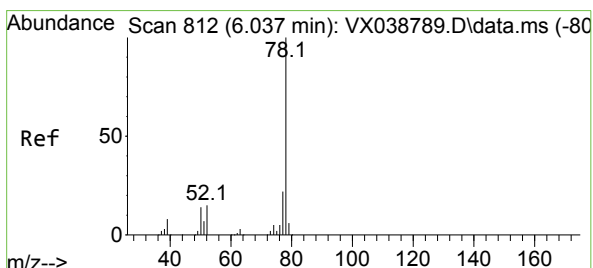
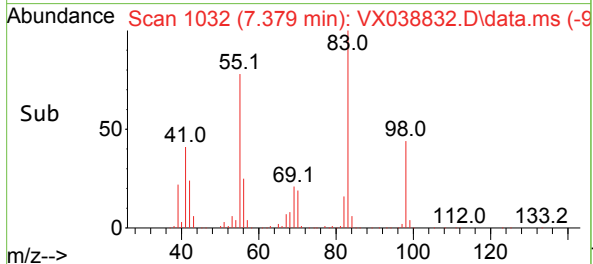
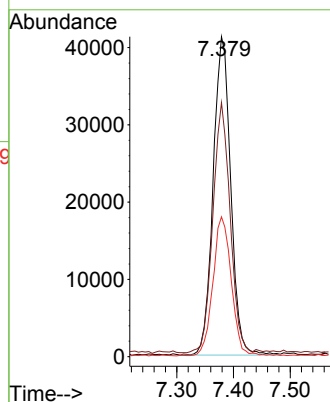
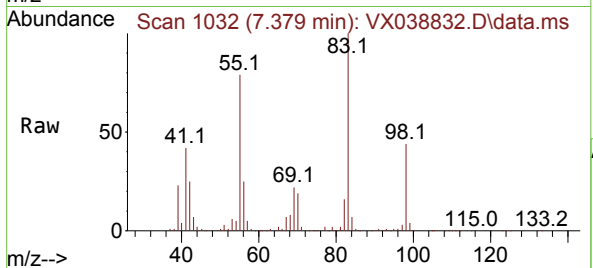
Acq: 16 Nov 2023 10:57

Instrument :

MSVOA\_X

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 88920    |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 78.5 64.6 97.0 |
| 98          | 43.5 36.7 55.1 |



#40

Benzene

Concen: 19.947 ug/l

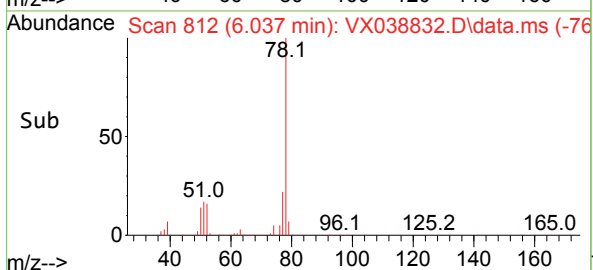
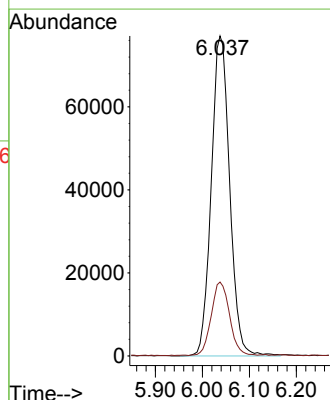
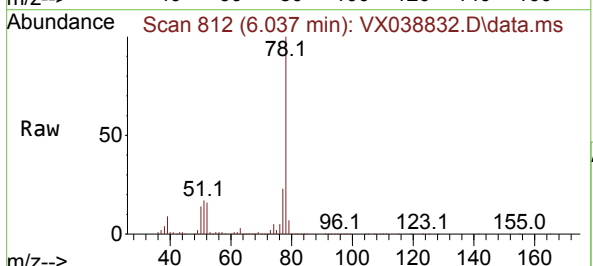
RT: 6.037 min Scan# 812

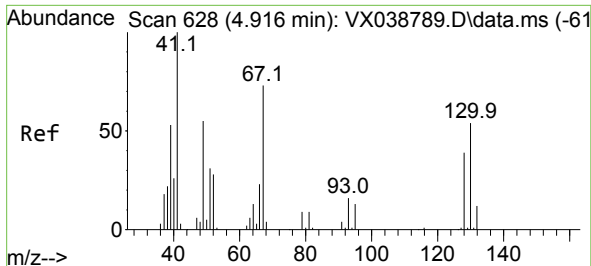
Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

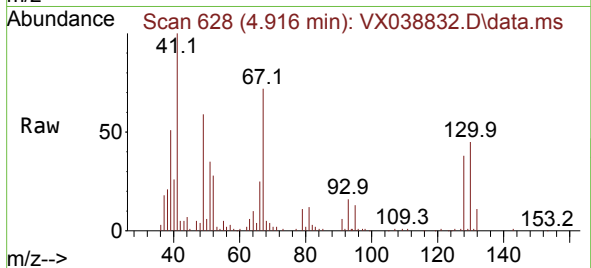
|             |                |
|-------------|----------------|
| Tgt Ion: 78 | Resp: 209637   |
| Ion Ratio   | Lower Upper    |
| 78          | 100            |
| 77          | 22.9 19.3 28.9 |



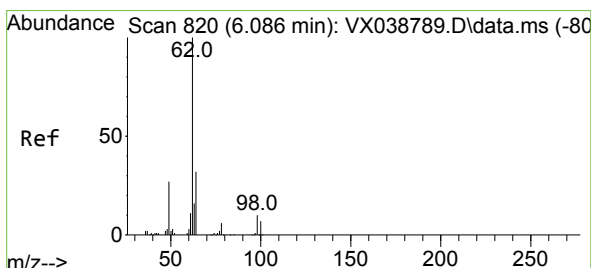
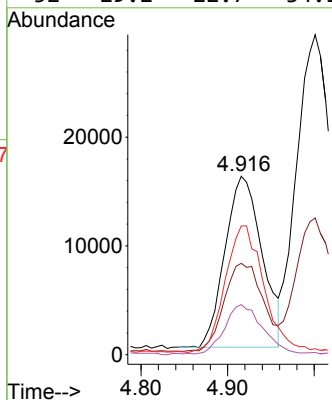
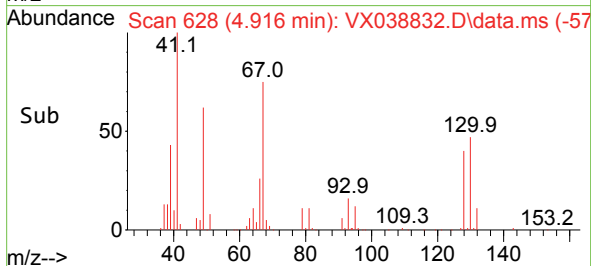


#41  
Methacrylonitrile  
Concen: 19.471 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :

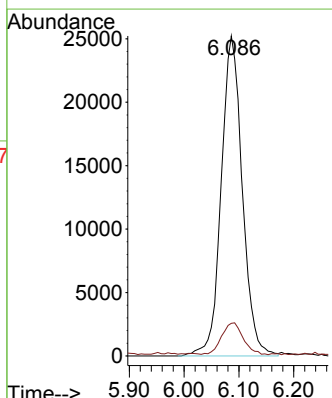
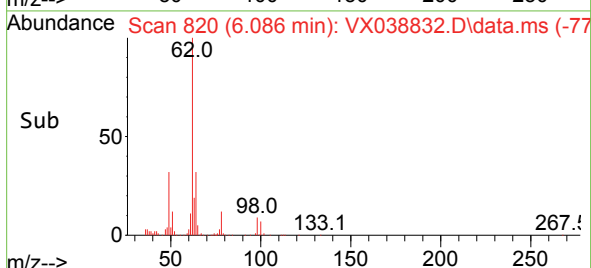
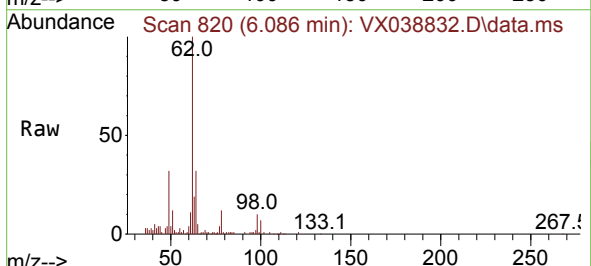


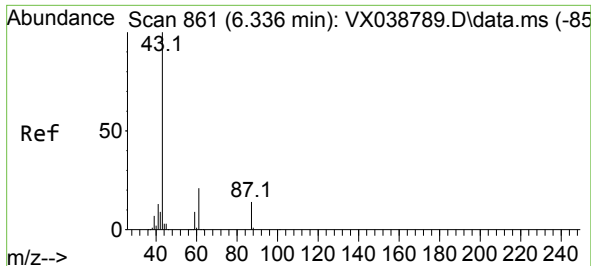
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 46750 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.1  | 45.2  | 67.8  |
| 67       | 77.8  | 52.6  | 78.8  |
| 52       | 29.2  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 19.427 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

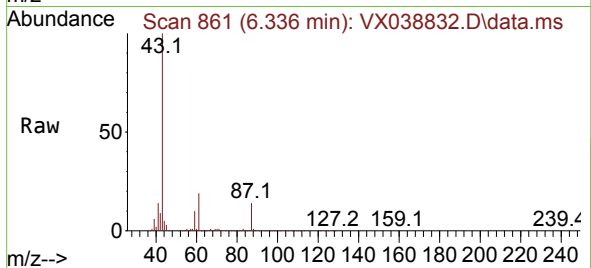
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 67646 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.2  | 0.0   | 16.0  |



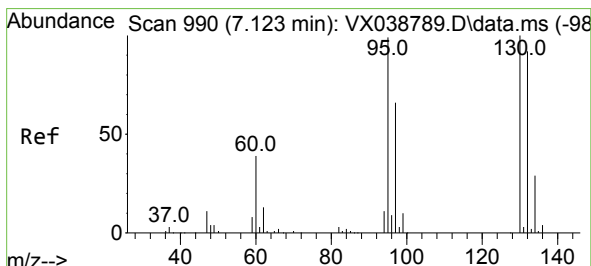
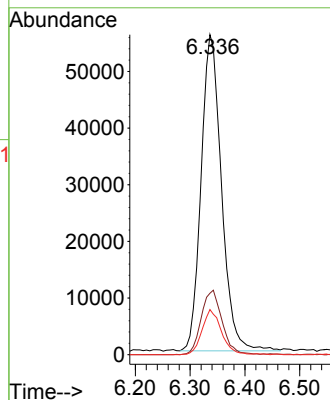
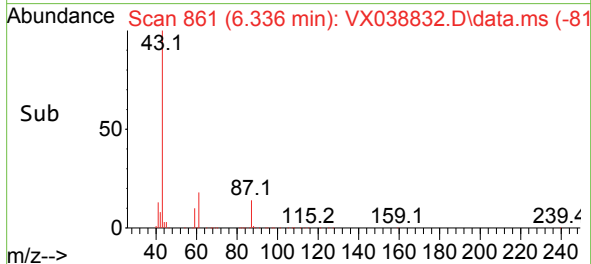


#43  
Isopropyl Acetate  
Concen: 19.518 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :

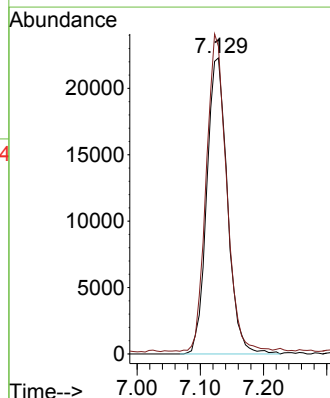
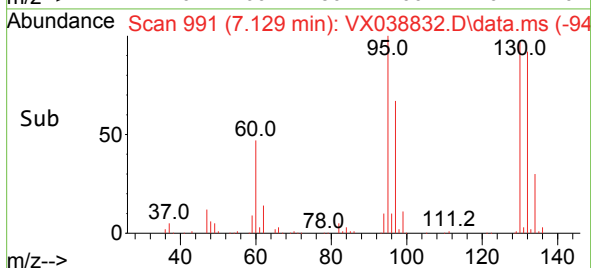
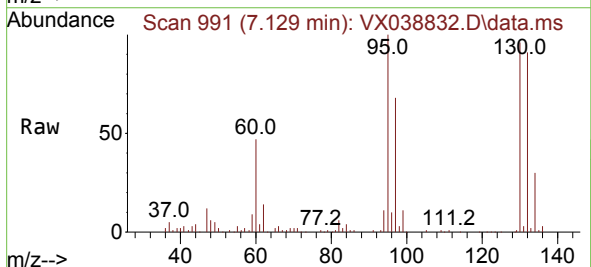


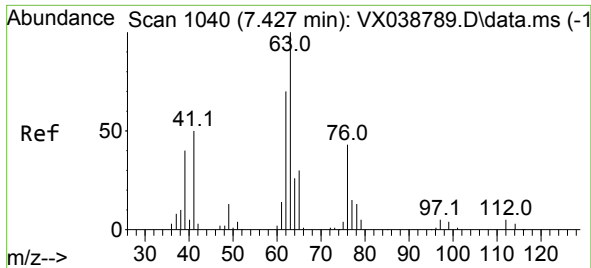
Tgt Ion: 43 Resp: 144407  
Ion Ratio Lower Upper  
43 100  
61 20.8 15.2 22.8  
87 13.5 9.8 14.6



#44  
Trichloroethene  
Concen: 19.792 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Tgt Ion:130 Resp: 50630  
Ion Ratio Lower Upper  
130 100  
95 102.9 0.0 204.4

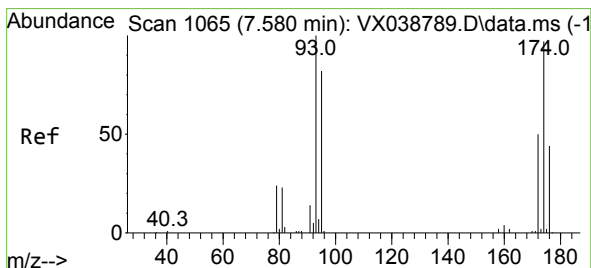
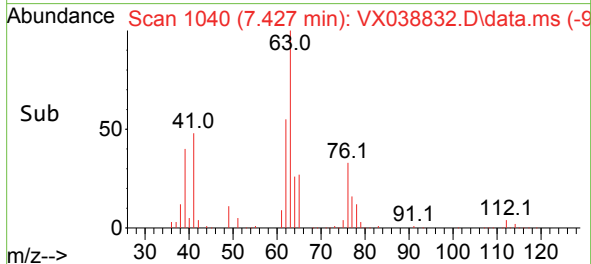
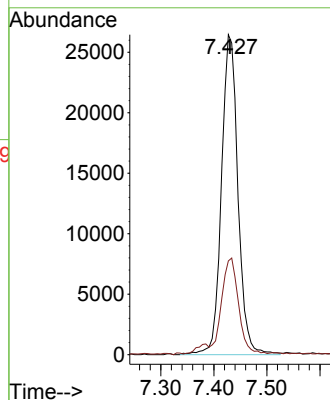
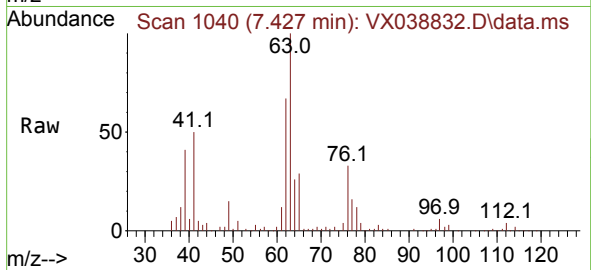




#45  
1,2-Dichloropropane  
Concen: 20.203 ug/l  
RT: 7.427 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

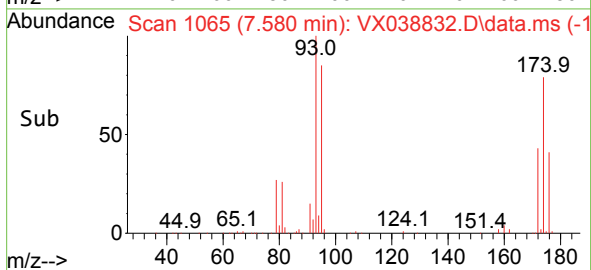
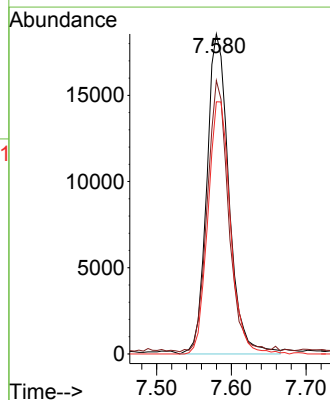
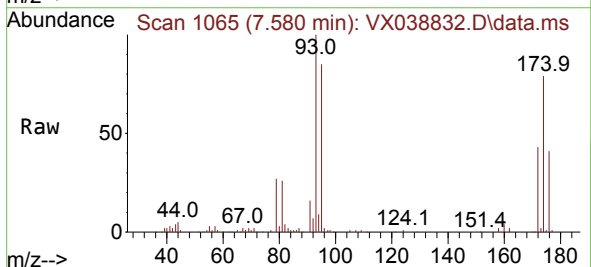
Instrument :  
MSVOA\_X  
ClientSampleId :

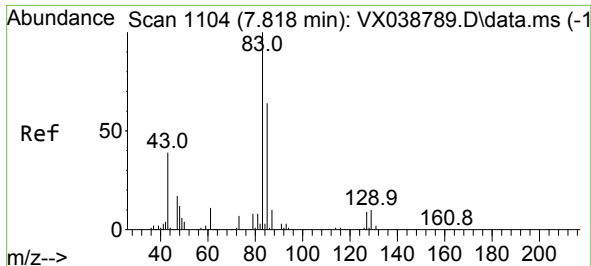
Tgt Ion: 63 Resp: 57138  
Ion Ratio Lower Upper  
63 100  
65 28.8 24.3 36.5



#46  
Dibromomethane  
Concen: 20.265 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Tgt Ion: 93 Resp: 38221  
Ion Ratio Lower Upper  
93 100  
95 81.3 66.6 100.0  
174 80.3 69.4 104.0

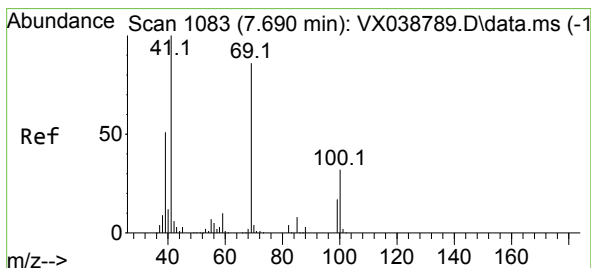
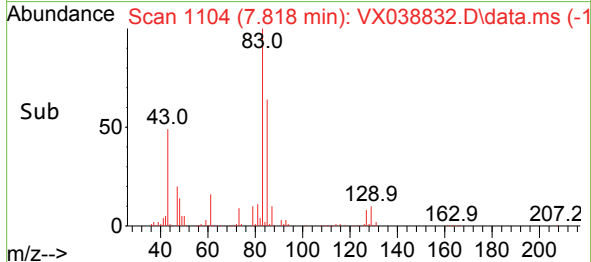
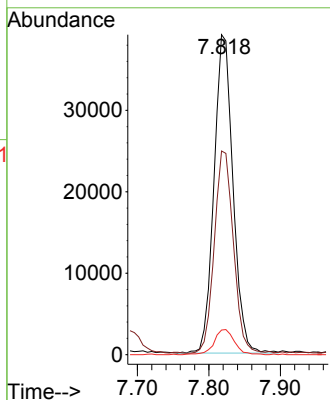
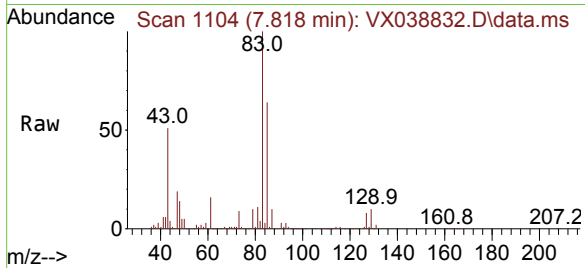




#47  
Bromodichloromethane  
Concen: 19.302 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

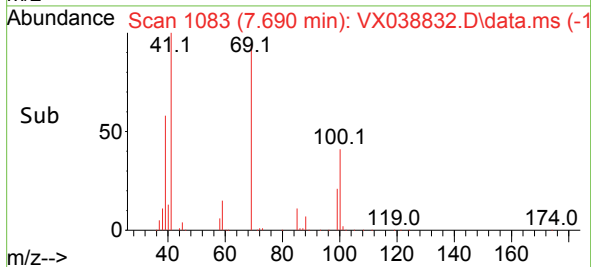
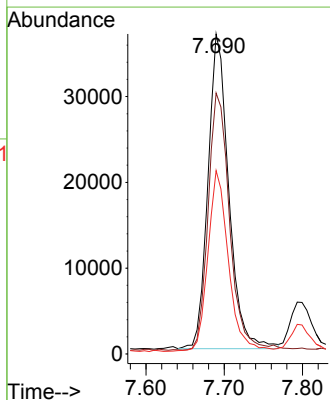
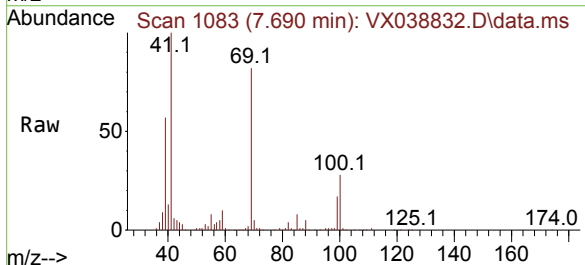
Instrument :  
MSVOA\_X  
ClientSampleId :

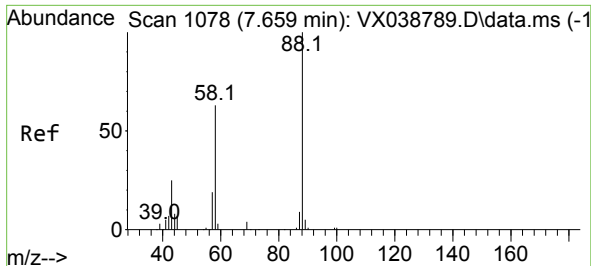
Tgt Ion: 83 Resp: 72256  
Ion Ratio Lower Upper  
83 100  
85 63.2 49.8 74.6  
127 7.7 7.1 10.7



#48  
Methyl methacrylate  
Concen: 18.858 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

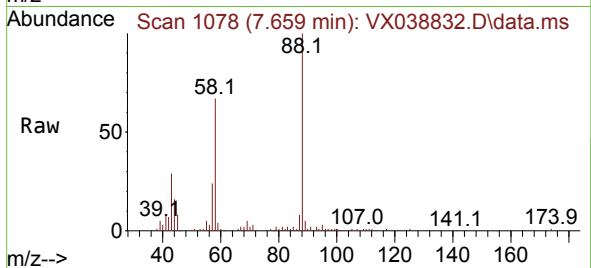
Tgt Ion: 41 Resp: 67694  
Ion Ratio Lower Upper  
41 100  
69 84.8 59.2 88.8  
39 56.6 47.7 71.5



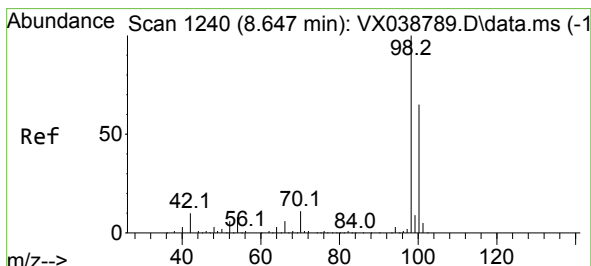
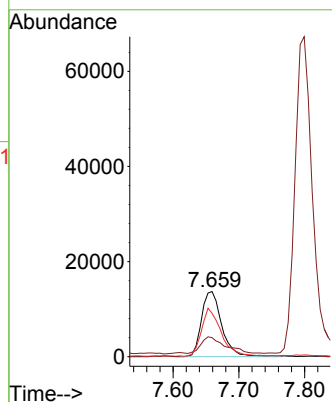
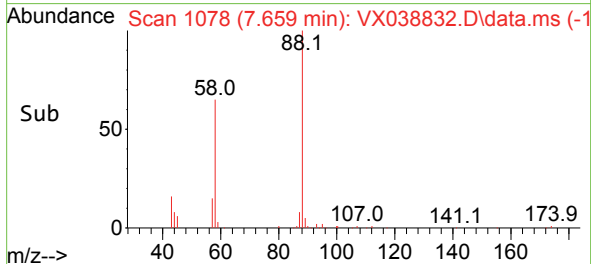


#49  
1,4-Dioxane  
Concen: 420.779 ug/l  
RT: 7.659 min Scan# 1078  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :

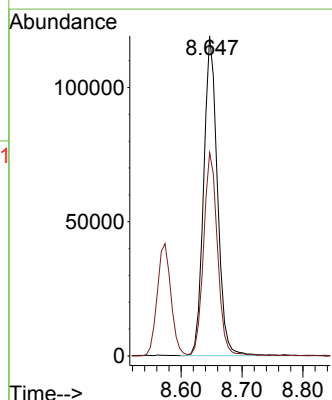
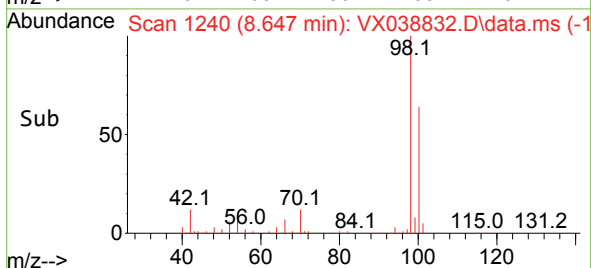
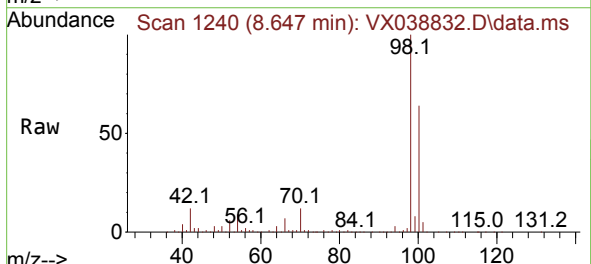


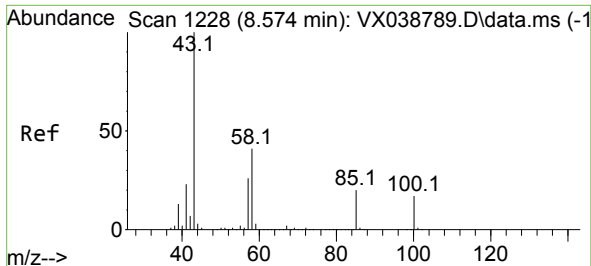
Tgt Ion: 88 Resp: 29222  
Ion Ratio Lower Upper  
88 100  
43 29.9 0.0 0.0#  
58 71.2 60.1 90.1



#50  
Toluene-d8  
Concen: 19.654 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Tgt Ion: 98 Resp: 186433  
Ion Ratio Lower Upper  
98 100  
100 64.3 53.1 79.7

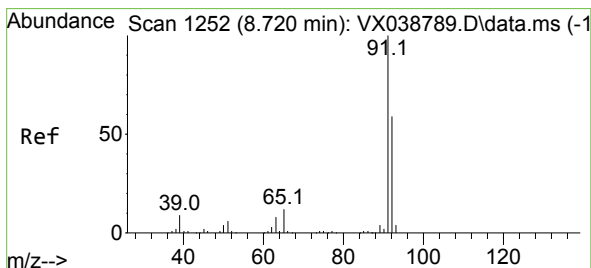
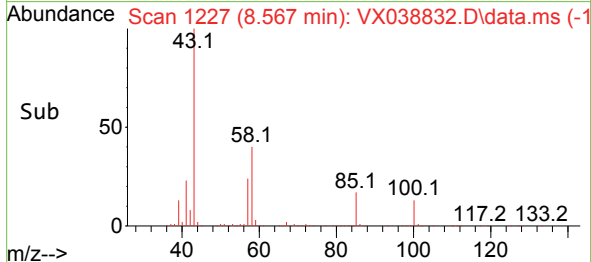
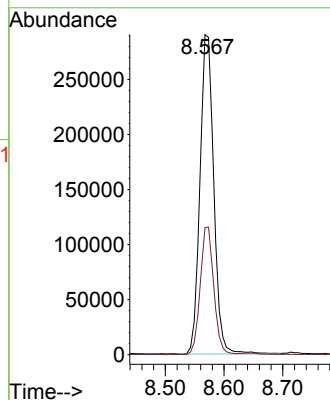
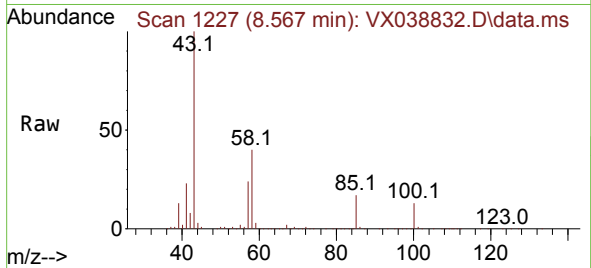




#51  
4-Methyl-2-Pentanone  
Concen: 100.703 ug/l  
RT: 8.567 min Scan# 1227  
Delta R.T. -0.006 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

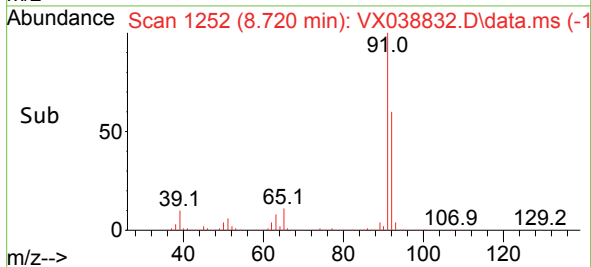
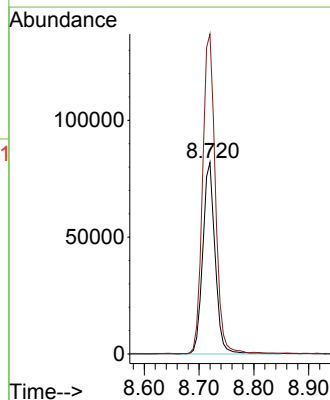
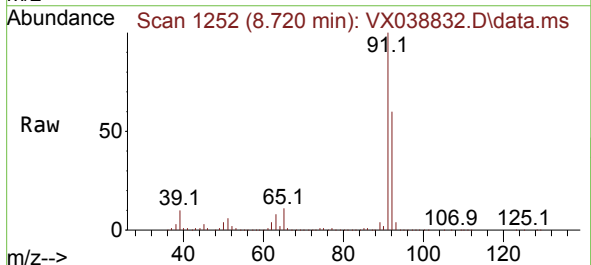
Instrument :  
MSVOA\_X  
ClientSampleId :

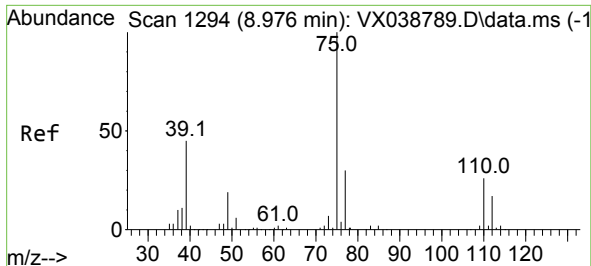
Tgt Ion: 43 Resp: 476134  
Ion Ratio Lower Upper  
43 100  
58 39.0 30.4 45.6



#52  
Toluene  
Concen: 19.657 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Tgt Ion: 92 Resp: 128200  
Ion Ratio Lower Upper  
92 100  
91 171.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.597 ug/l

RT: 8.976 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA\_X

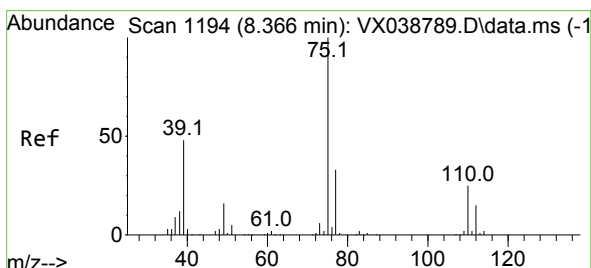
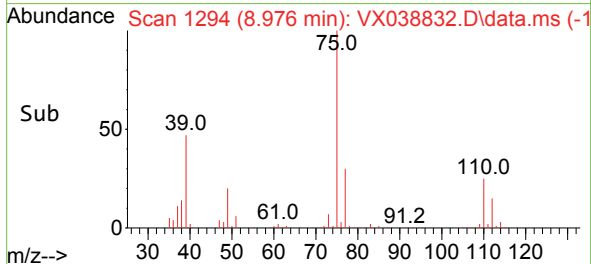
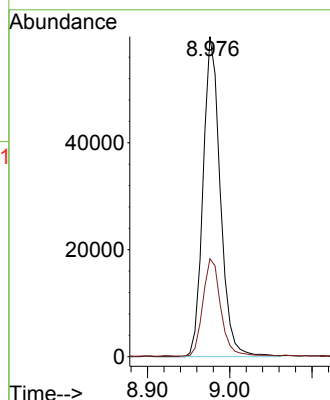
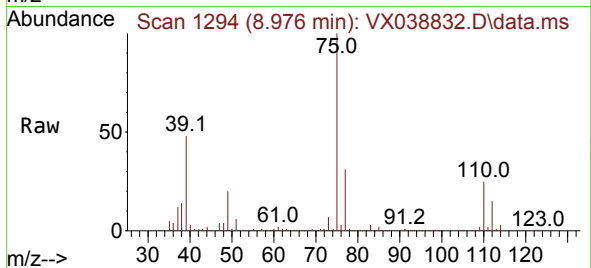
ClientSampleId :

Tgt Ion: 75 Resp: 87178

Ion Ratio Lower Upper

75 100

77 30.4 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 19.804 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

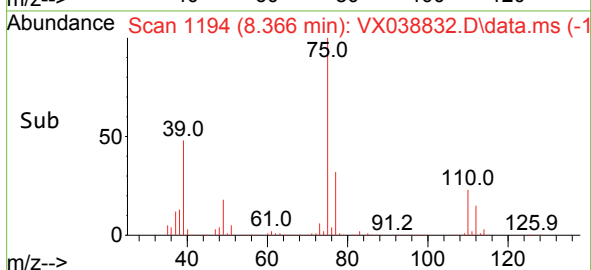
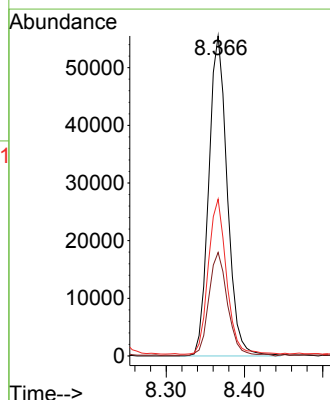
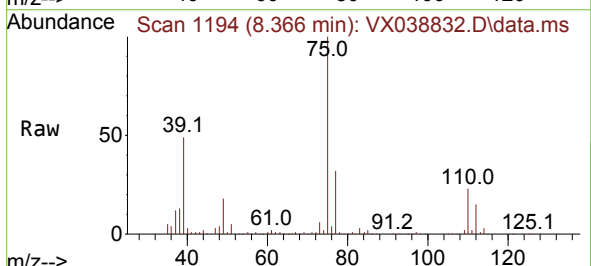
Tgt Ion: 75 Resp: 91001

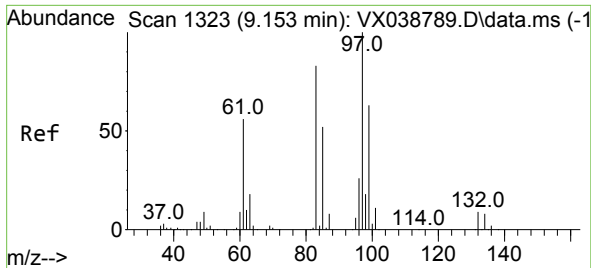
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 48.4 46.7 70.1

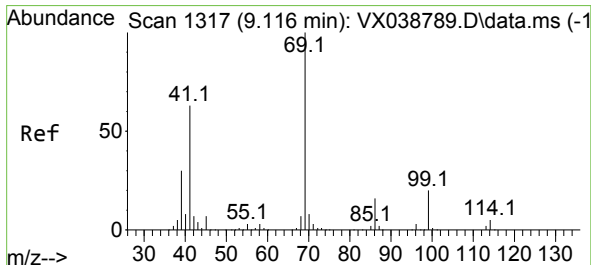
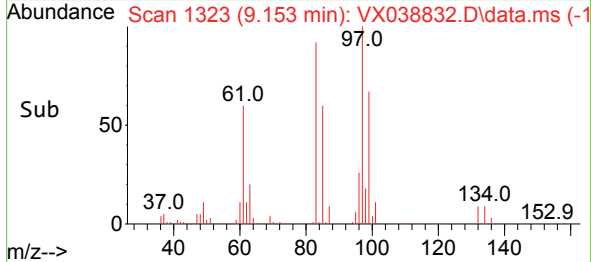
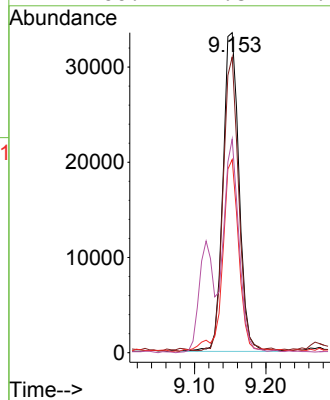
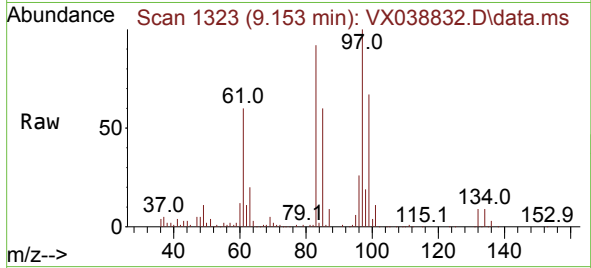




#55  
 1,1,2-Trichloroethane  
 Concen: 19.269 ug/l  
 RT: 9.153 min Scan# 1323  
 Delta R.T. 0.000 min  
 Lab File: VX038832.D  
 Acq: 16 Nov 2023 10:57

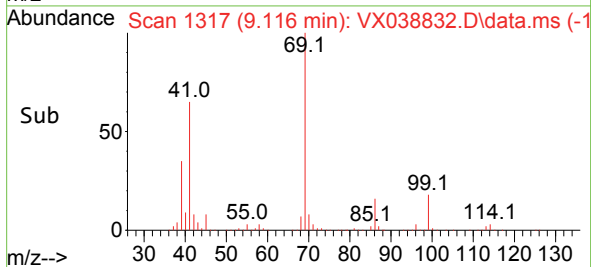
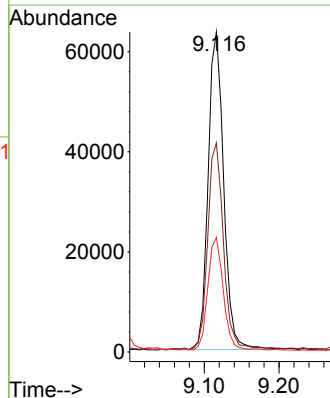
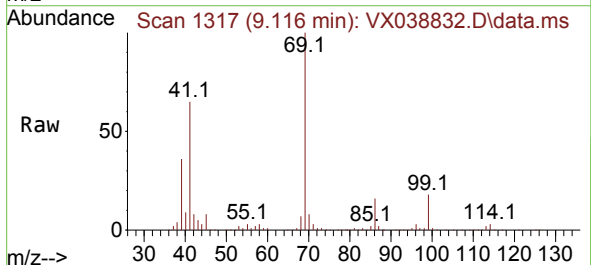
Instrument :  
 MSVOA\_X  
 ClientSampleId :

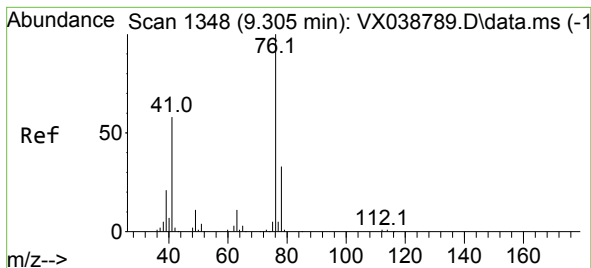
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 52437 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 91.9     | 65.8 98.8   |
| 85 60.1     | 41.6 62.4   |
| 99 66.9     | 47.8 71.8   |



#56  
 Ethyl methacrylate  
 Concen: 19.937 ug/l  
 RT: 9.116 min Scan# 1317  
 Delta R.T. 0.000 min  
 Lab File: VX038832.D  
 Acq: 16 Nov 2023 10:57

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 91794 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 64.8     | 56.8 85.2   |
| 39 35.1     | 32.0 48.0   |





#57

1,3-Dichloropropane

Concen: 19.621 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA\_X

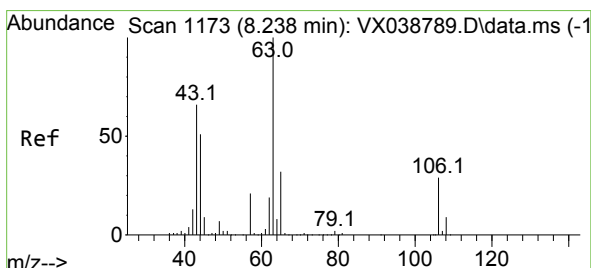
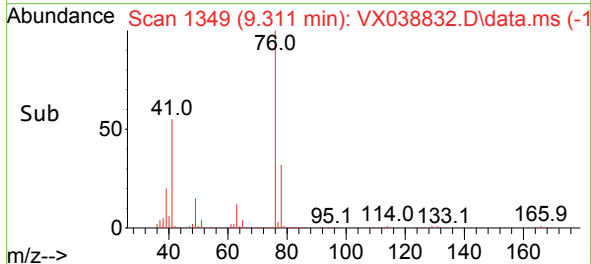
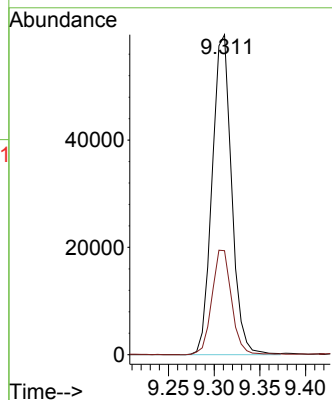
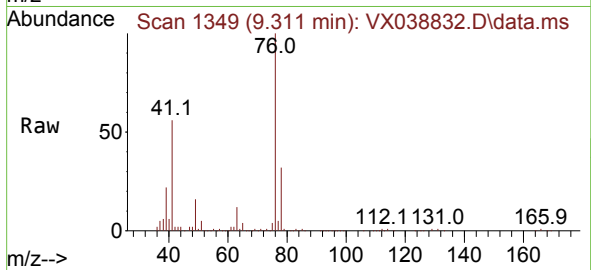
ClientSampleId :

Tgt Ion: 76 Resp: 88306

Ion Ratio Lower Upper

76 100

78 33.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 105.014 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX038832.D

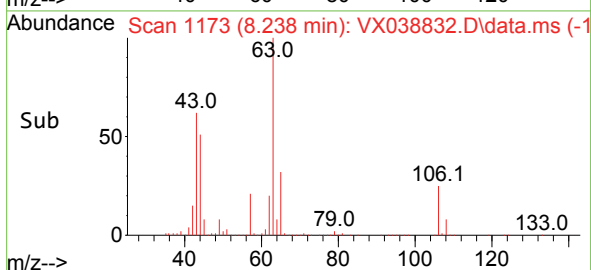
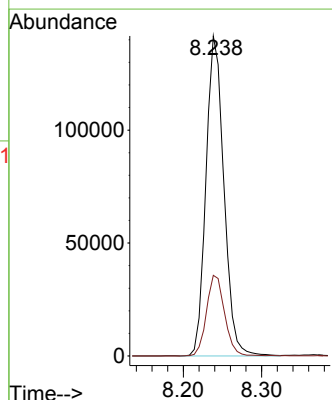
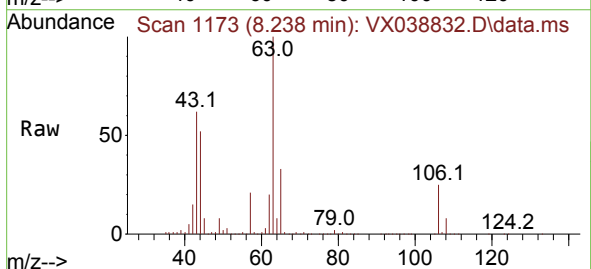
Acq: 16 Nov 2023 10:57

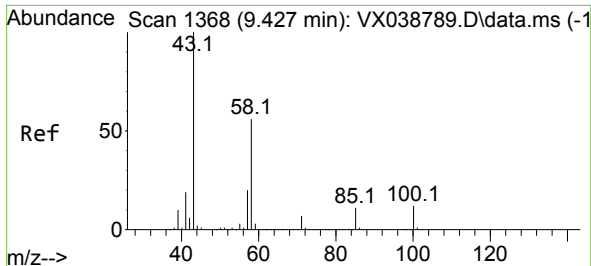
Tgt Ion: 63 Resp: 225241

Ion Ratio Lower Upper

63 100

106 25.5 22.5 33.7





#59

2-Hexanone

Concen: 100.533 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA\_X

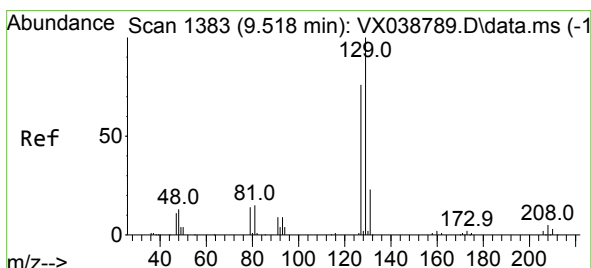
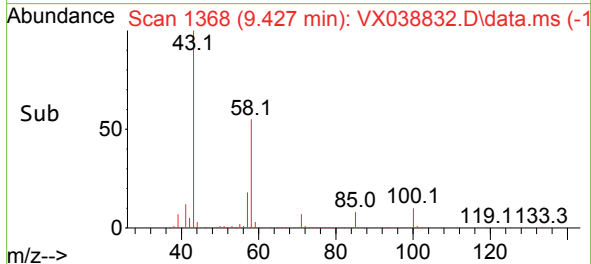
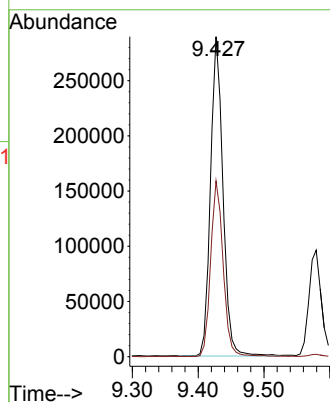
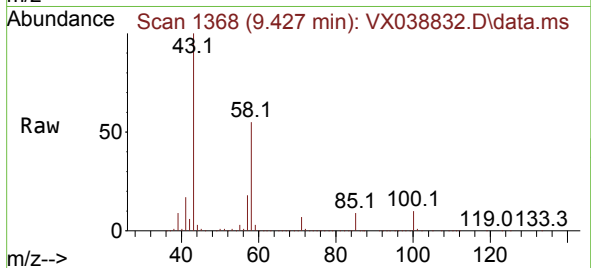
ClientSampleId :

Tgt Ion: 43 Resp: 380989

Ion Ratio Lower Upper

43 100

58 55.4 26.2 78.5



#60

Dibromochloromethane

Concen: 19.595 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX038832.D

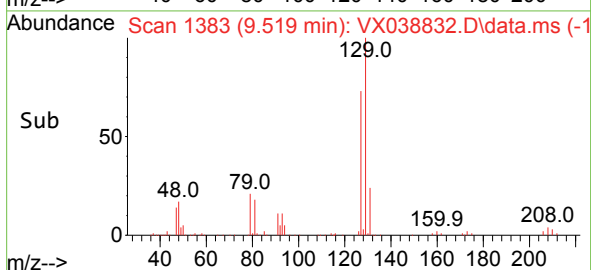
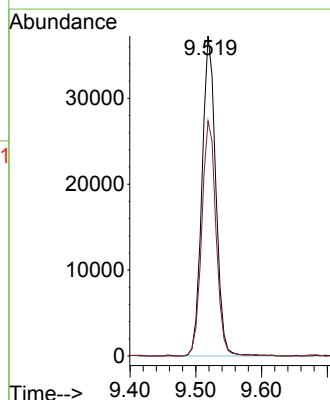
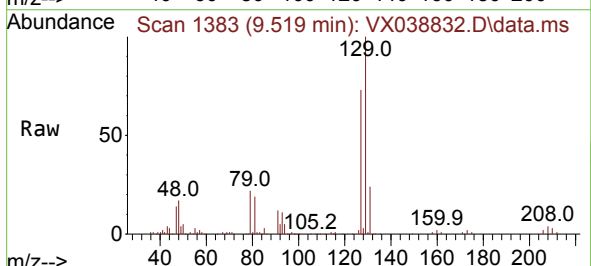
Acq: 16 Nov 2023 10:57

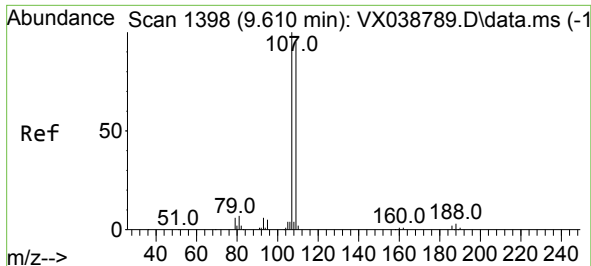
Tgt Ion: 129 Resp: 54219

Ion Ratio Lower Upper

129 100

127 75.8 38.8 116.4

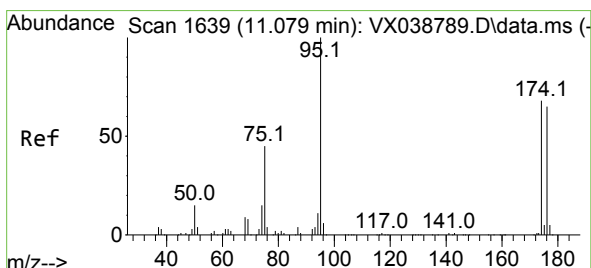
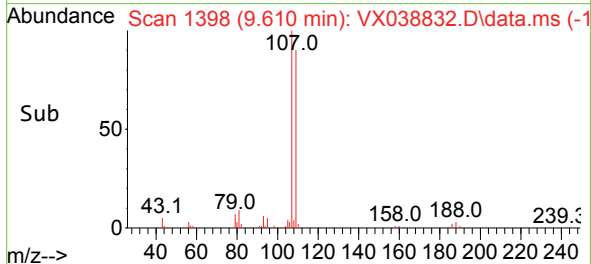
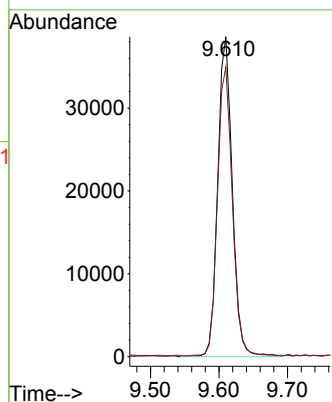
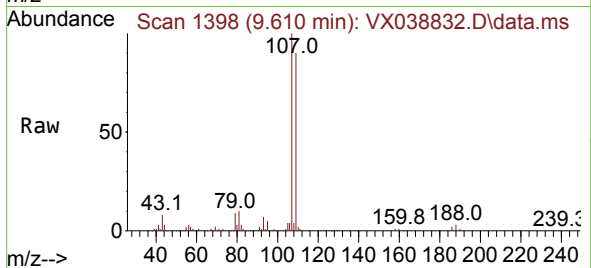




#61  
1,2-Dibromoethane  
Concen: 20.024 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

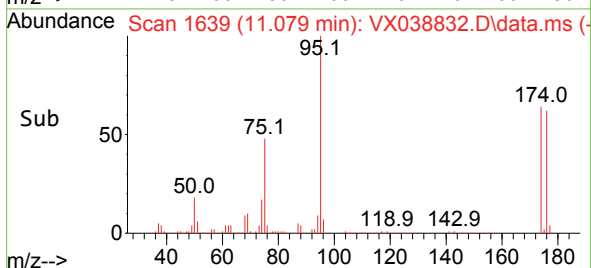
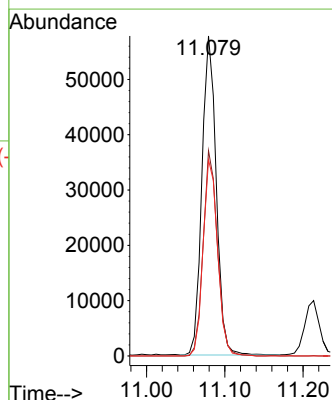
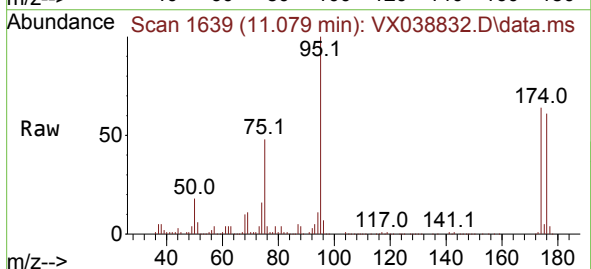
Instrument :  
MSVOA\_X  
ClientSampleId :

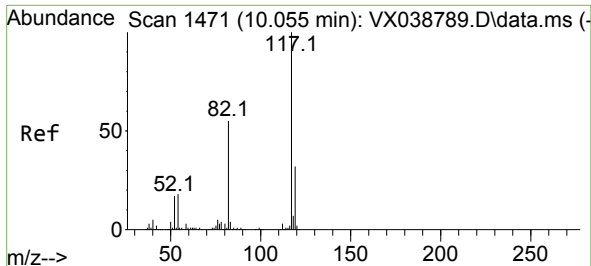
Tgt Ion:107 Resp: 57179  
Ion Ratio Lower Upper  
107 100  
109 91.4 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 19.251 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

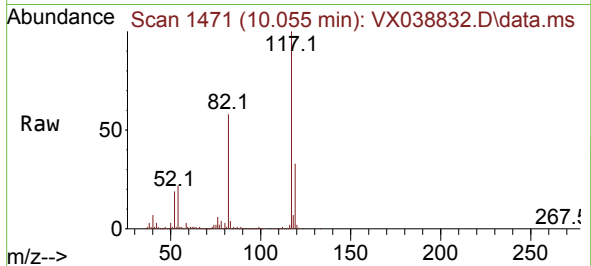
Tgt Ion: 95 Resp: 73101  
Ion Ratio Lower Upper  
95 100  
174 64.1 0.0 135.6  
176 62.4 0.0 131.0



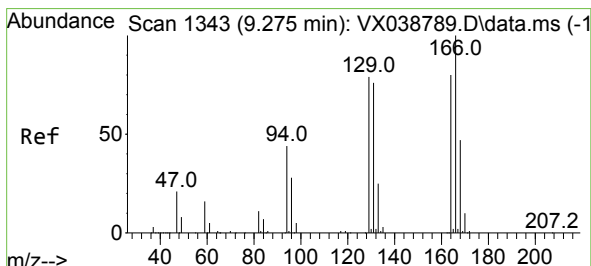
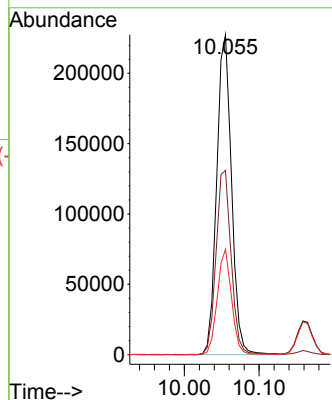
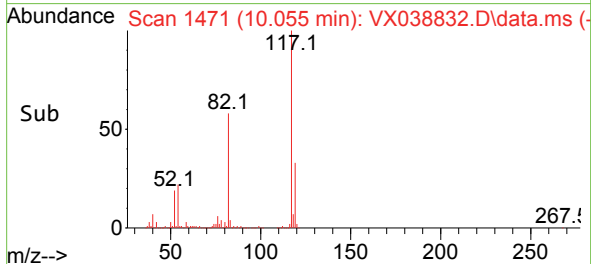


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :

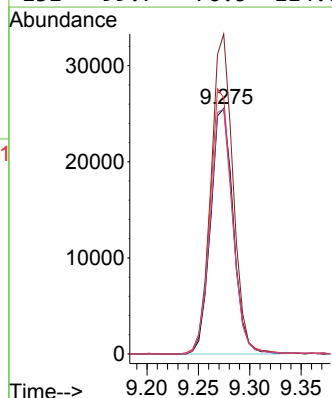
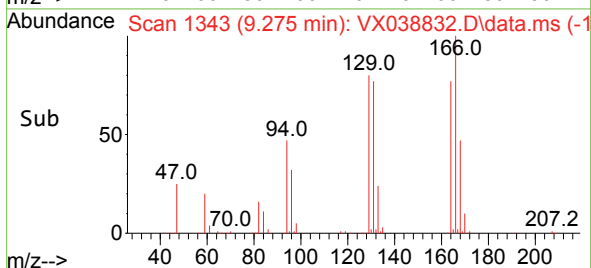
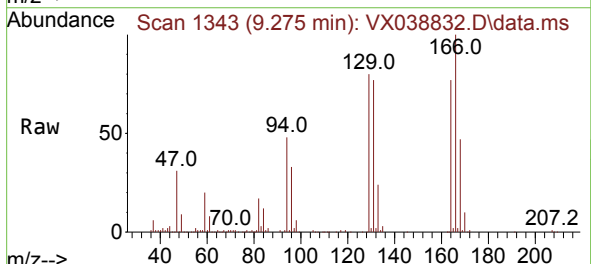


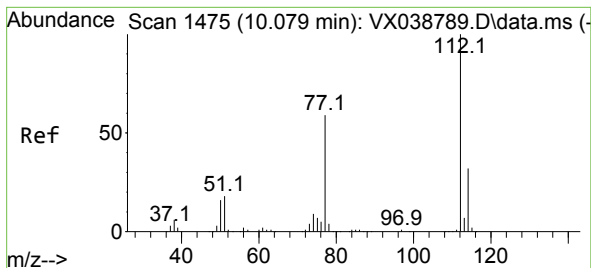
Tgt Ion:117 Resp: 312731  
Ion Ratio Lower Upper  
117 100  
82 57.6 46.2 69.4  
119 32.9 25.5 38.3



#64  
Tetrachloroethene  
Concen: 20.053 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Tgt Ion:164 Resp: 38981  
Ion Ratio Lower Upper  
164 100  
166 130.3 102.7 154.1  
129 104.4 80.4 120.6  
131 99.7 76.5 114.7

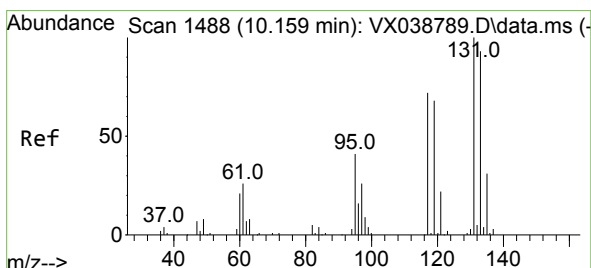
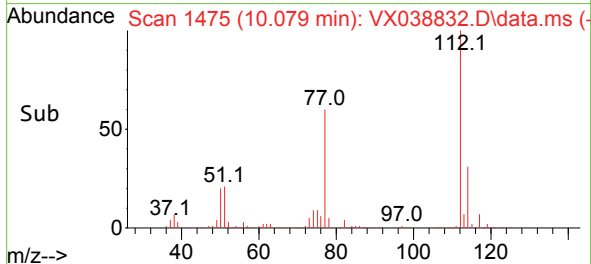
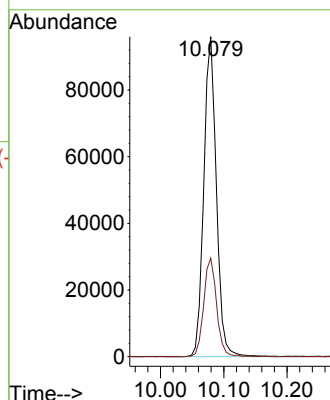
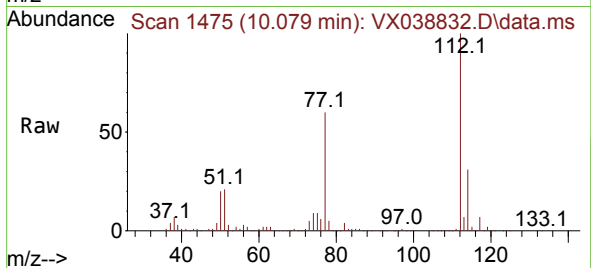




#65  
Chlorobenzene  
Concen: 19.732 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

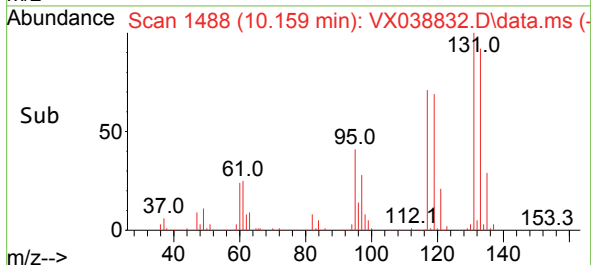
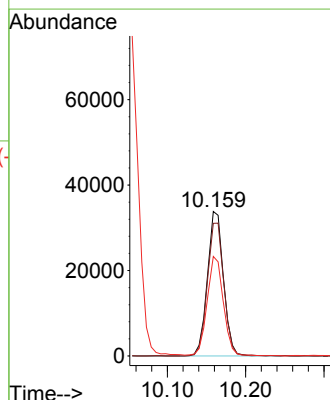
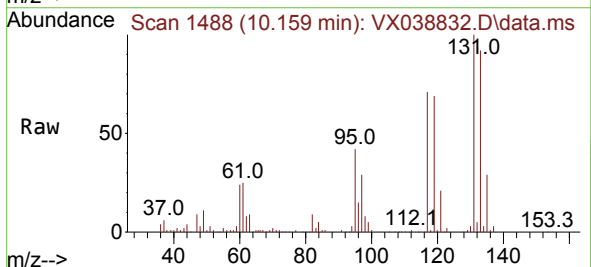
Instrument :  
MSVOA\_X  
ClientSampleId :

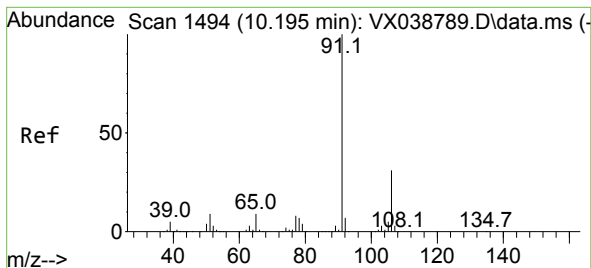
Tgt Ion:112 Resp: 132927  
Ion Ratio Lower Upper  
112 100  
114 30.8 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.868 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

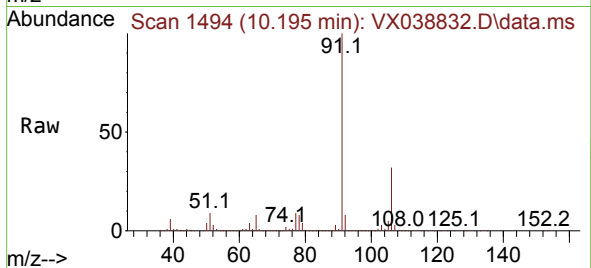
Tgt Ion:131 Resp: 48145  
Ion Ratio Lower Upper  
131 100  
133 94.3 47.1 141.4  
119 69.9 32.2 96.6



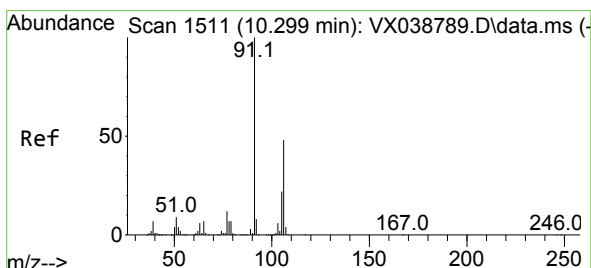
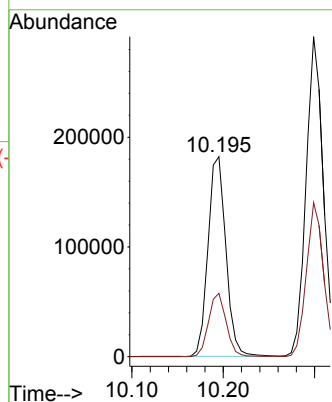
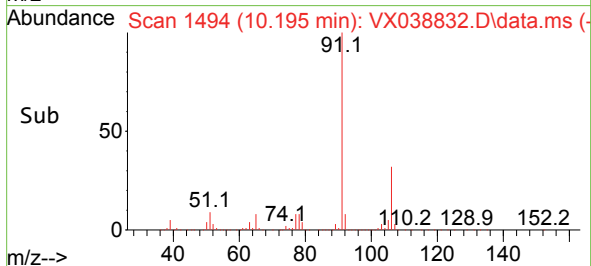


#67  
Ethyl Benzene  
Concen: 20.039 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Instrument :  
MSVOA\_X  
ClientSampleId :

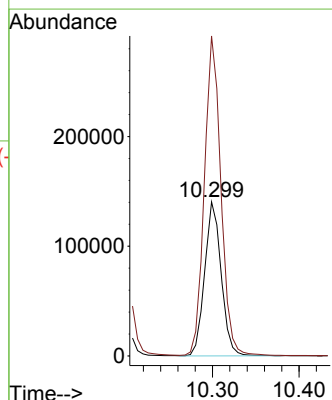
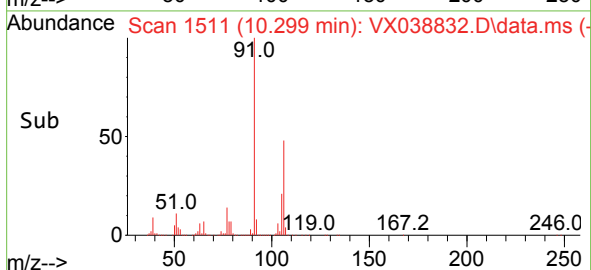
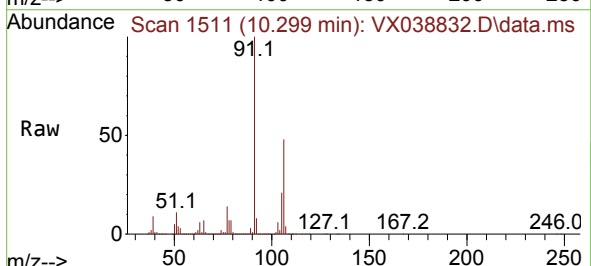


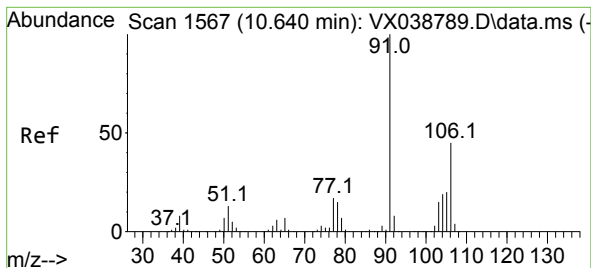
Tgt Ion: 91 Resp: 248015  
Ion Ratio Lower Upper  
91 100  
106 31.7 24.9 37.3



#68  
m/p-Xylenes  
Concen: 39.750 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Tgt Ion: 106 Resp: 186102  
Ion Ratio Lower Upper  
106 100  
91 207.8 165.5 248.3





#69

o-Xylene

Concen: 20.024 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA\_X

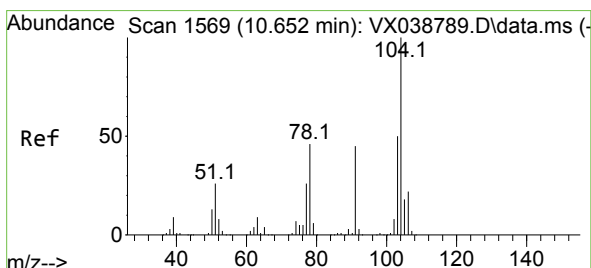
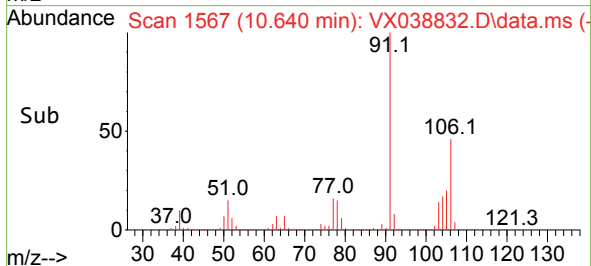
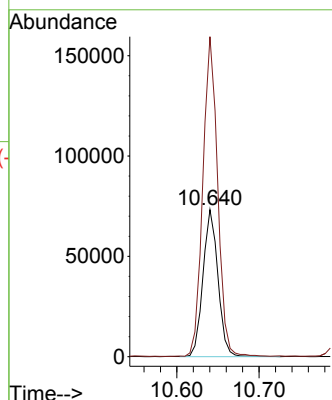
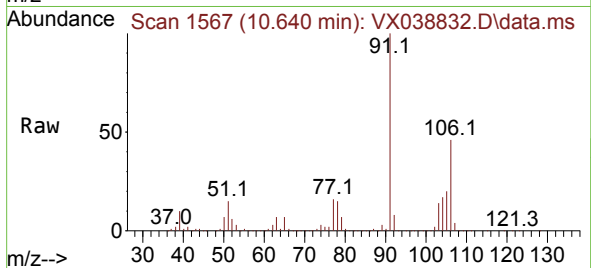
ClientSampleId :

Tgt Ion:106 Resp: 92764

Ion Ratio Lower Upper

106 100

91 214.9 108.9 326.8



#70

Styrene

Concen: 19.716 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

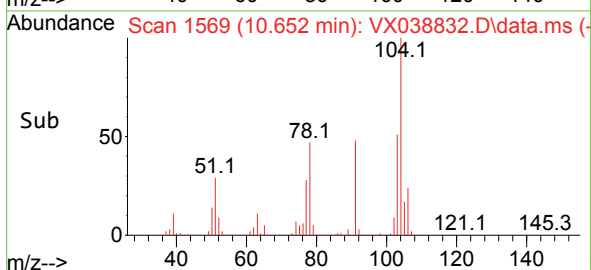
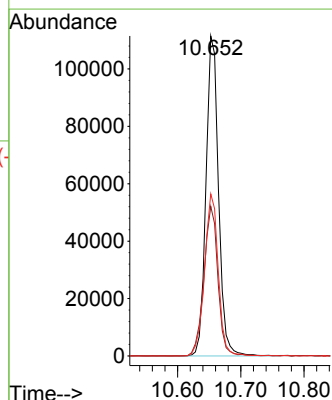
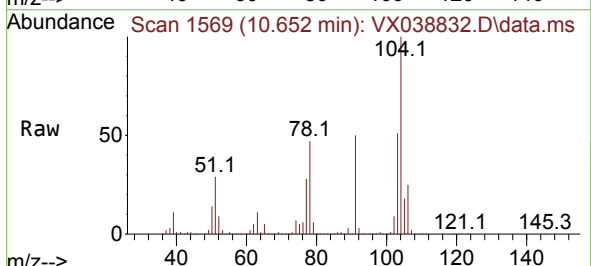
Tgt Ion:104 Resp: 154257

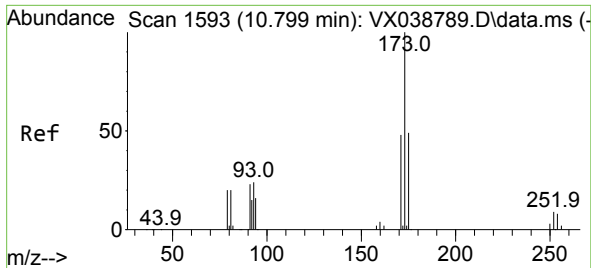
Ion Ratio Lower Upper

104 100

78 51.9 43.6 65.4

103 55.4 43.6 65.4

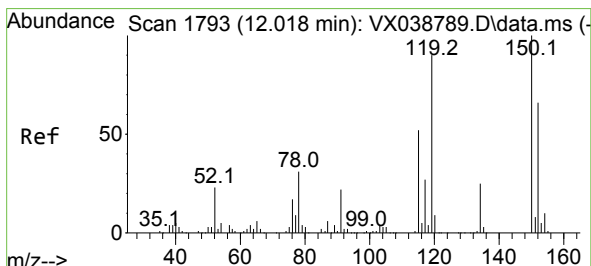
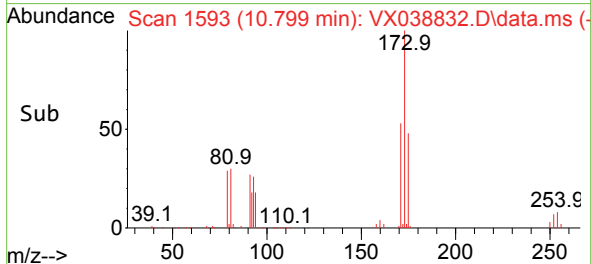
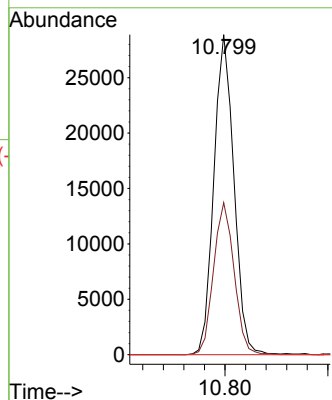
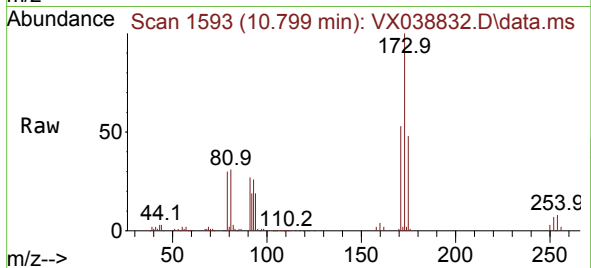




#71  
Bromoform  
Concen: 19.319 ug/l  
RT: 10.799 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

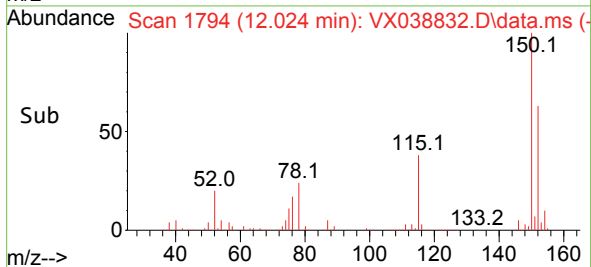
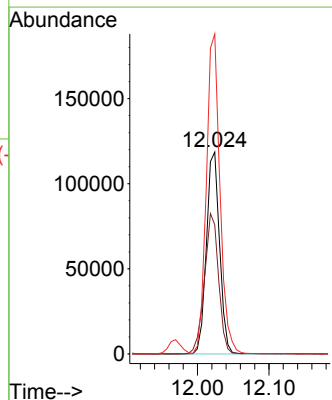
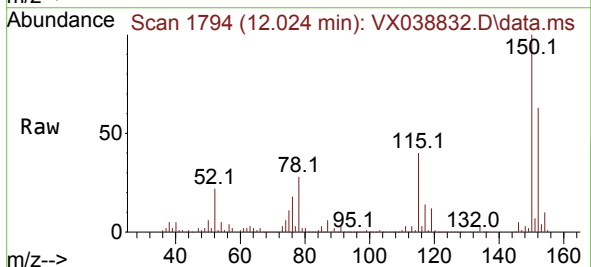
Instrument :  
MSVOA\_X  
ClientSampleId :

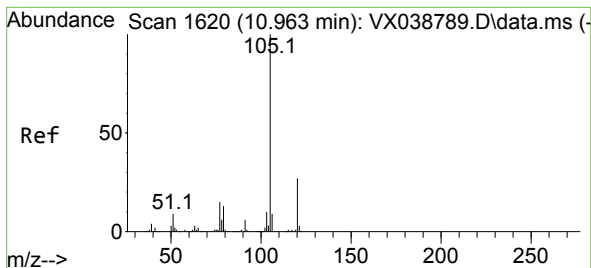
Tgt Ion:173 Resp: 39026  
Ion Ratio Lower Upper  
173 100  
175 48.8 24.1 72.4  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.006 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Tgt Ion:152 Resp: 151995  
Ion Ratio Lower Upper  
152 100  
115 74.7 43.3 129.9  
150 163.2 0.0 345.0





#73

Isopropylbenzene

Concen: 19.889 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA\_X

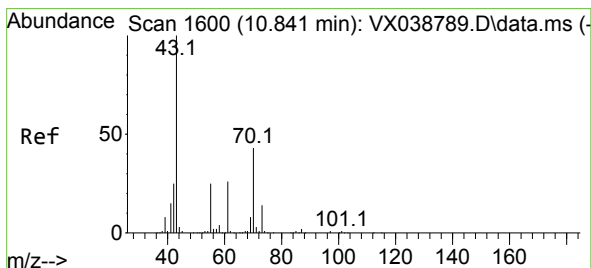
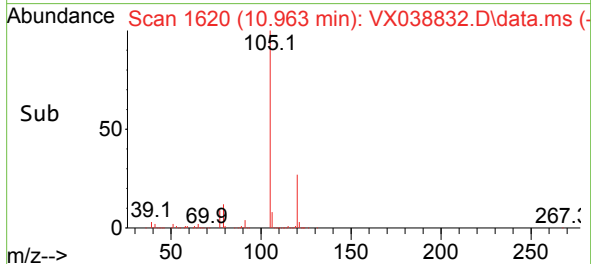
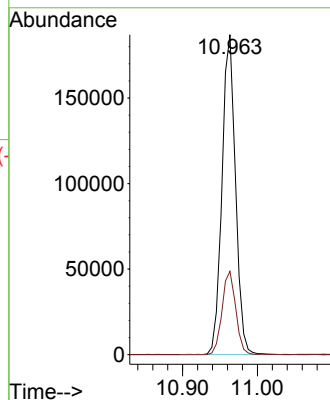
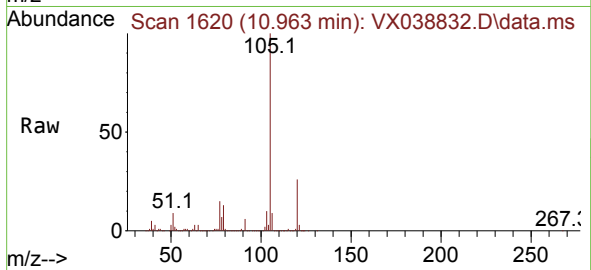
ClientSampleId :

Tgt Ion:105 Resp: 235531

Ion Ratio Lower Upper

105 100

120 26.4 12.9 38.6



#74

N-ethyl acetate

Concen: 19.561 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Tgt Ion: 43 Resp: 122454

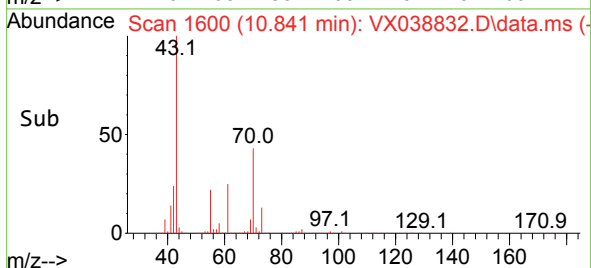
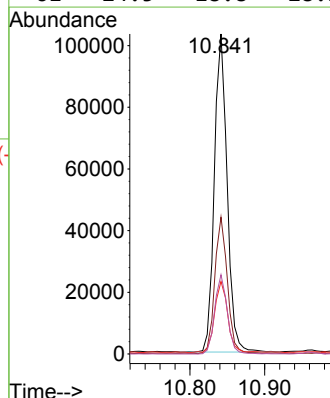
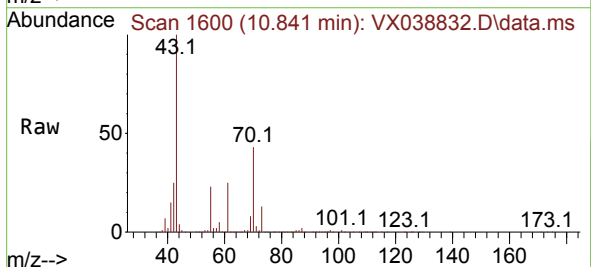
Ion Ratio Lower Upper

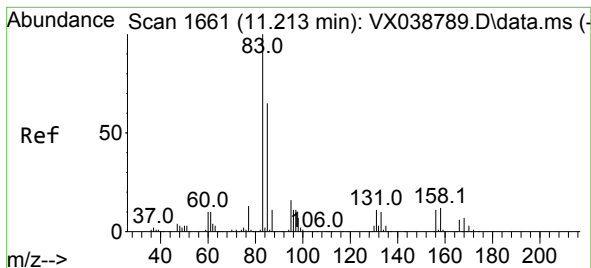
43 100

70 42.1 32.9 49.3

55 22.8 19.3 28.9

61 24.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.512 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA\_X

ClientSampleId :

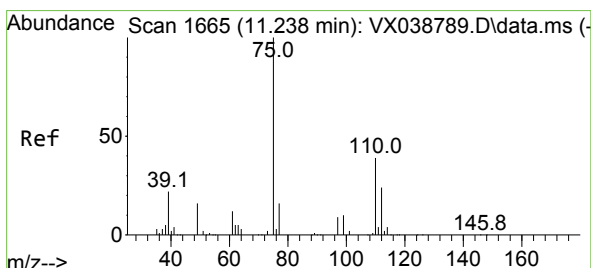
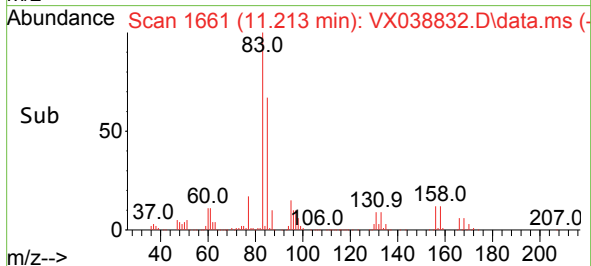
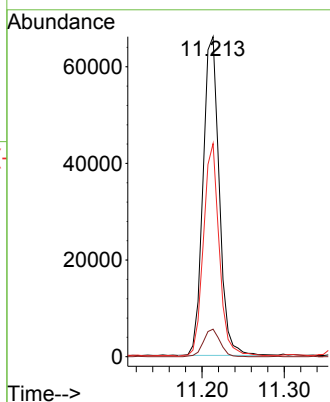
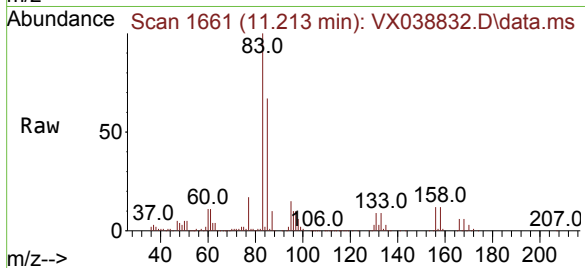
Tgt Ion: 83 Resp: 90202

Ion Ratio Lower Upper

83 100

131 8.9 5.3 15.8

85 65.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 28.913 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX038832.D

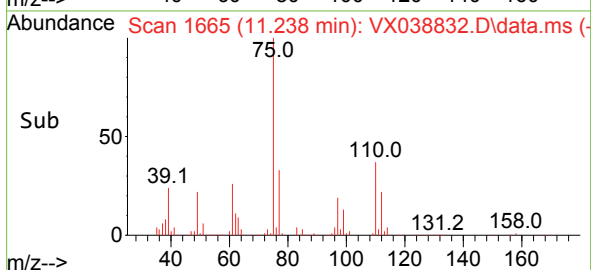
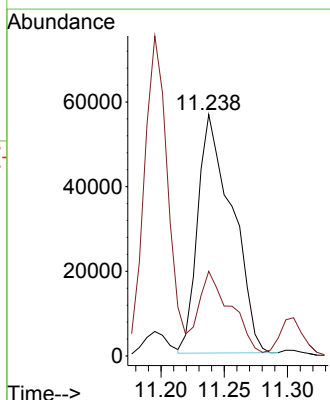
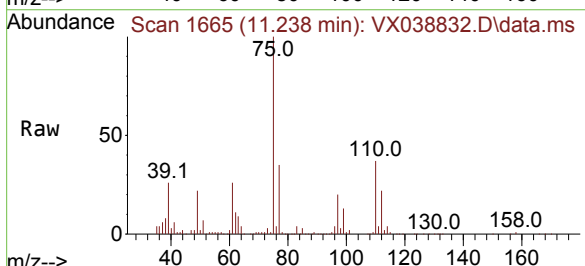
Acq: 16 Nov 2023 10:57

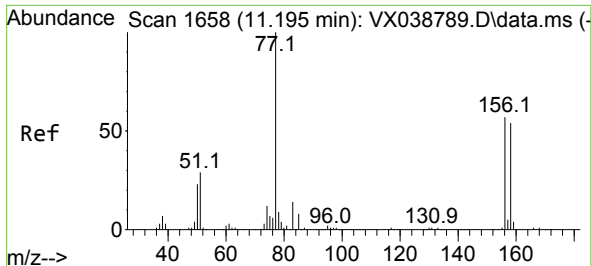
Tgt Ion: 75 Resp: 106792

Ion Ratio Lower Upper

75 100

77 33.3 19.1 57.5

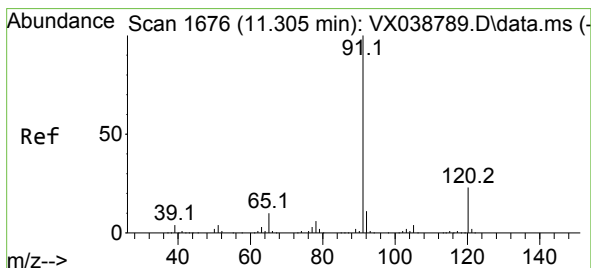
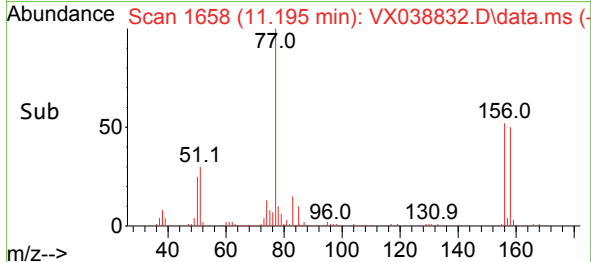
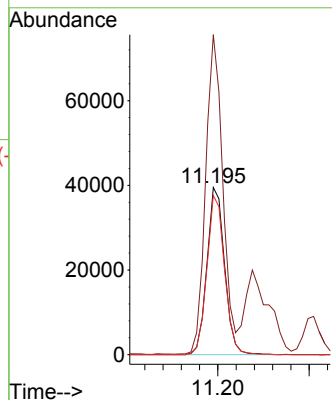
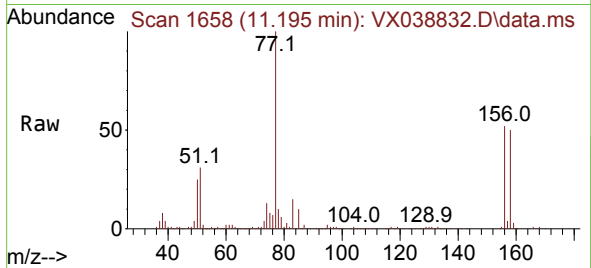




#77  
Bromobenzene  
Concen: 19.853 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

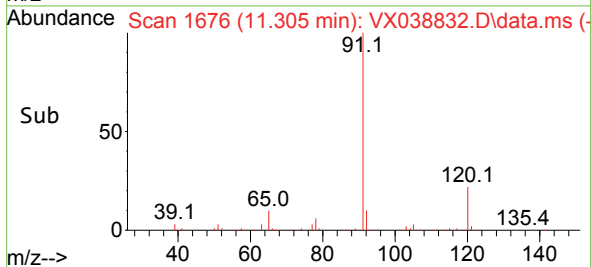
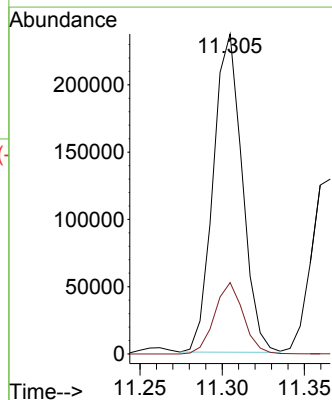
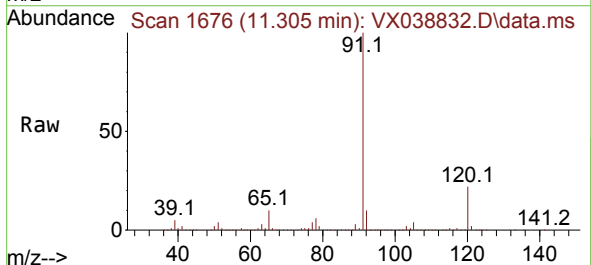
Instrument :  
MSVOA\_X  
ClientSampleId :

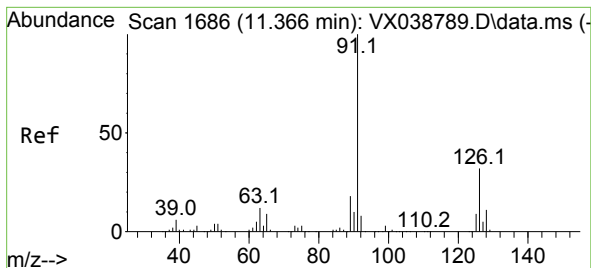
Tgt Ion:156 Resp: 52829  
Ion Ratio Lower Upper  
156 100  
77 185.2 88.4 265.3  
158 95.6 48.0 144.0



#78  
n-propylbenzene  
Concen: 19.904 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Tgt Ion: 91 Resp: 290137  
Ion Ratio Lower Upper  
91 100  
120 22.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.608 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA\_X

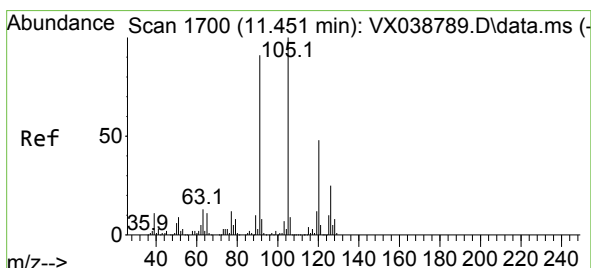
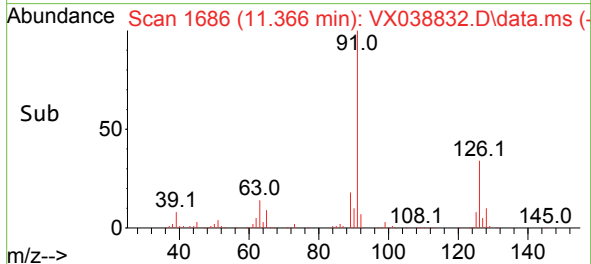
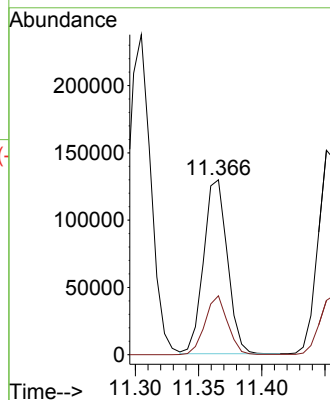
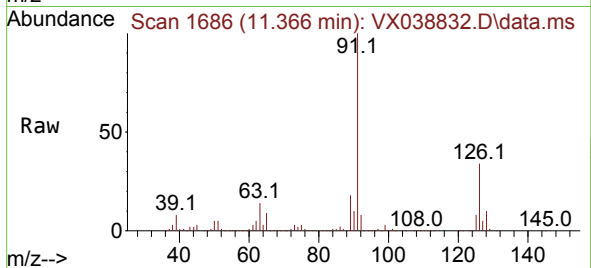
ClientSampleId :

Tgt Ion: 91 Resp: 169624

Ion Ratio Lower Upper

91 100

126 32.1 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 20.297 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038832.D

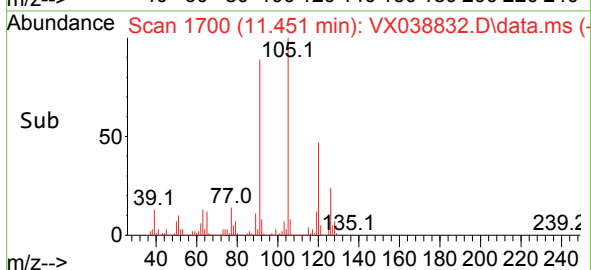
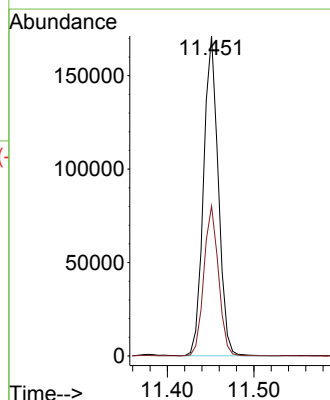
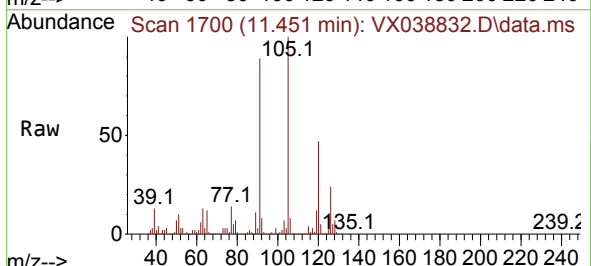
Acq: 16 Nov 2023 10:57

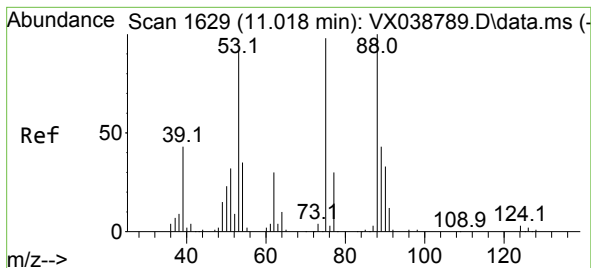
Tgt Ion: 105 Resp: 202106

Ion Ratio Lower Upper

105 100

120 46.8 24.1 72.3

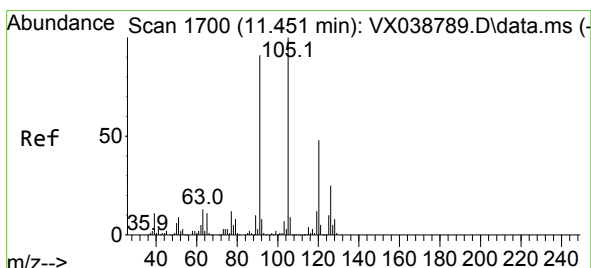
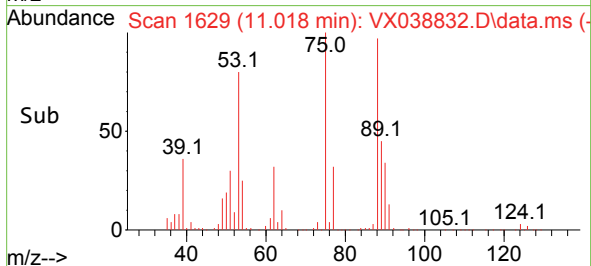
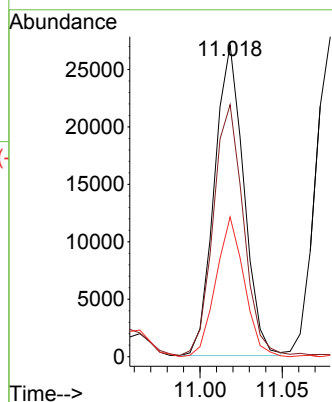
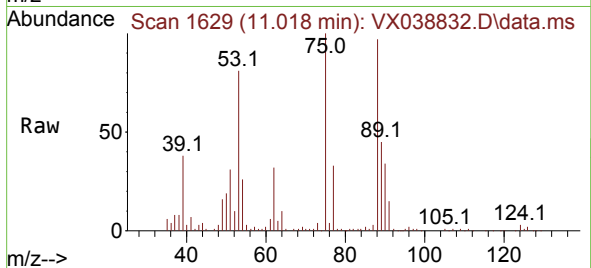




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.595 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

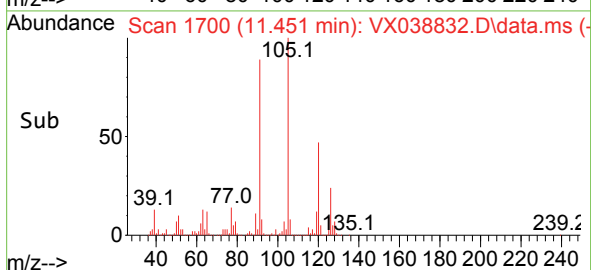
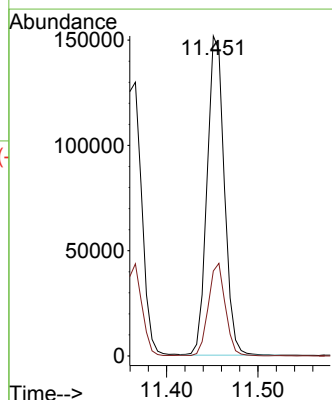
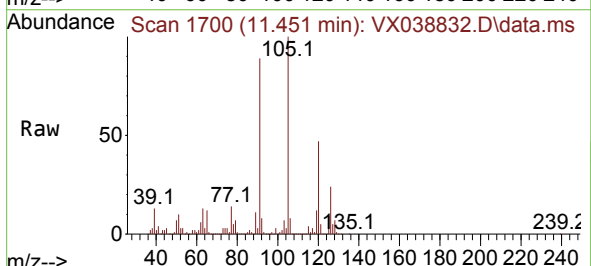
Instrument :  
MSVOA\_X  
ClientSampleId :

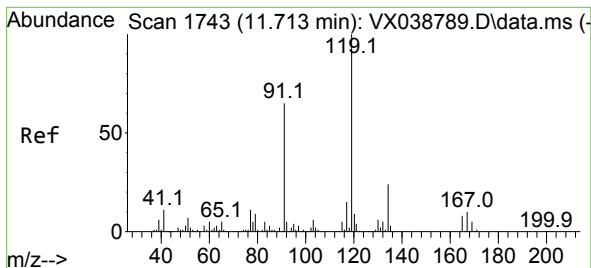
Tgt Ion: 75 Resp: 33502  
Ion Ratio Lower Upper  
75 100  
53 83.1 90.5 135.7#  
89 43.5 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 19.807 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

Tgt Ion: 91 Resp: 197573  
Ion Ratio Lower Upper  
91 100  
126 28.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.925 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA\_X

ClientSampleId :

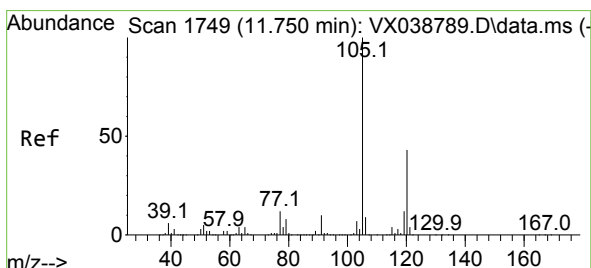
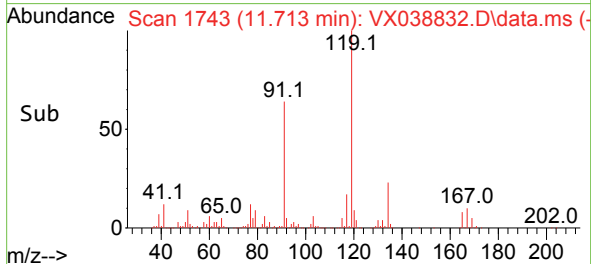
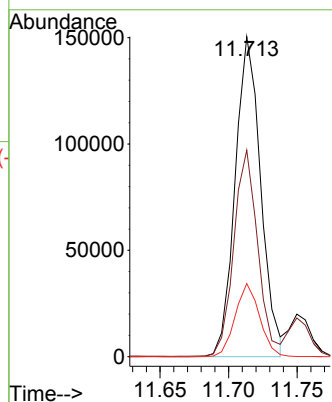
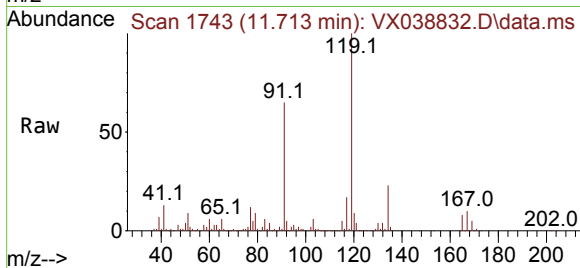
Tgt Ion:119 Resp: 195401

Ion Ratio Lower Upper

119 100

91 60.6 31.2 93.6

134 21.9 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 20.072 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038832.D

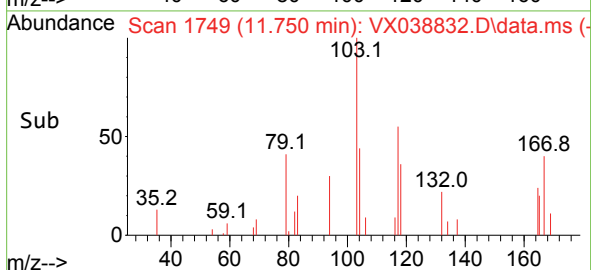
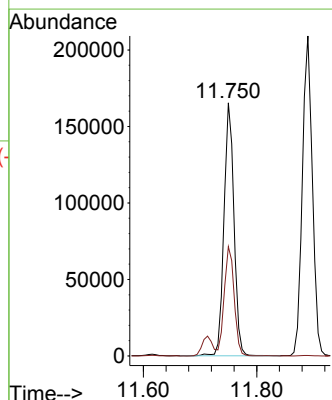
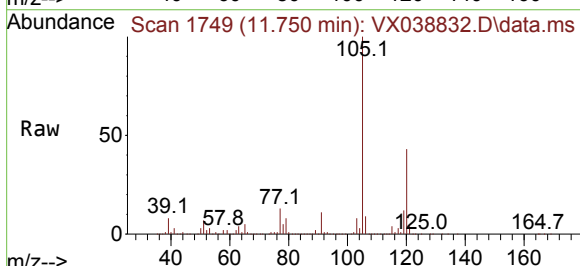
Acq: 16 Nov 2023 10:57

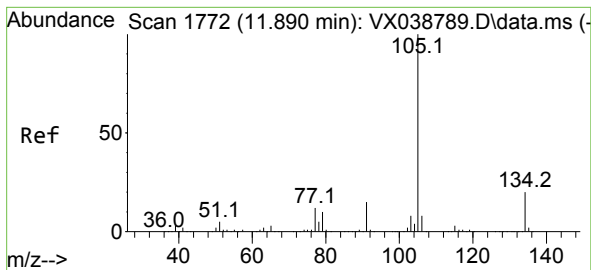
Tgt Ion:105 Resp: 202299

Ion Ratio Lower Upper

105 100

120 42.4 21.2 63.6





#85

sec-Butylbenzene

Concen: 19.942 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA\_X

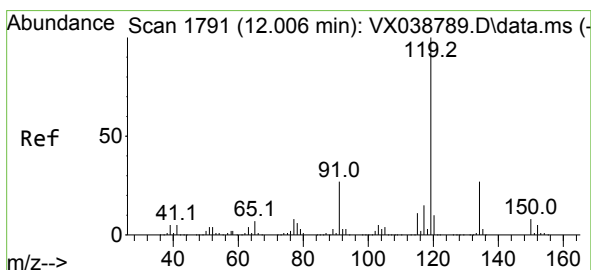
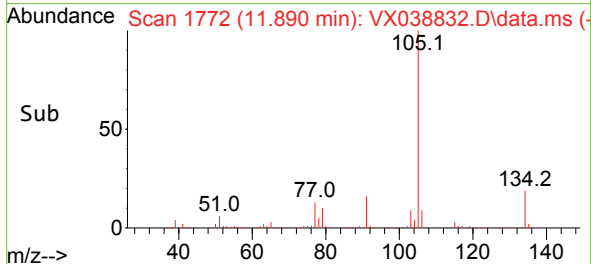
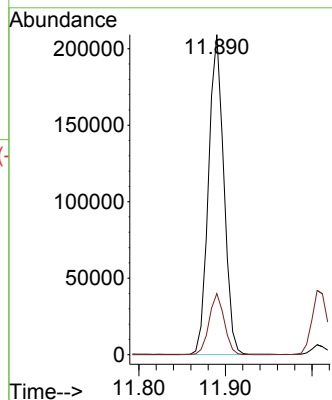
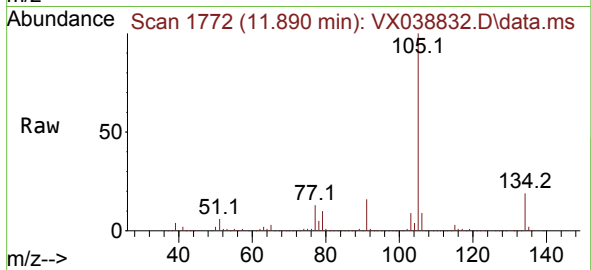
ClientSampleId :

Tgt Ion:105 Resp: 255808

Ion Ratio Lower Upper

105 100

134 19.0 9.8 29.4



#86

p-Isopropyltoluene

Concen: 19.631 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

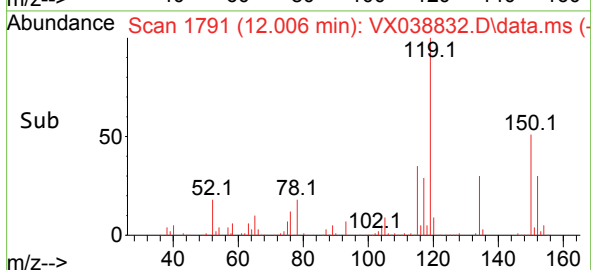
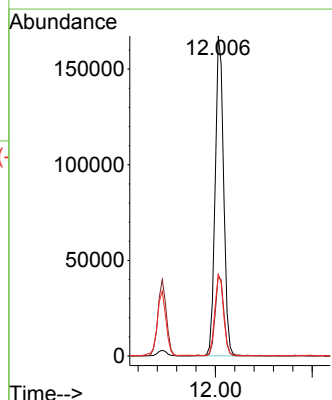
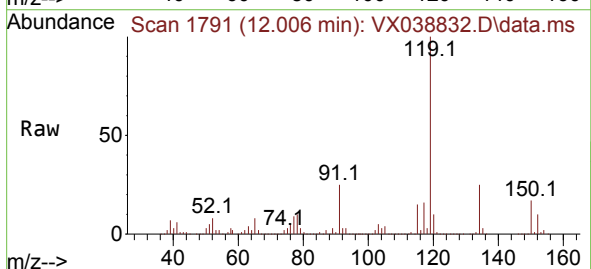
Tgt Ion:119 Resp: 202151

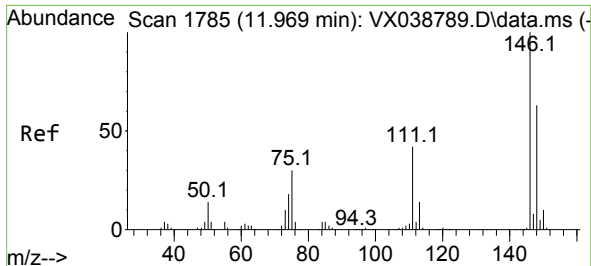
Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.3

91 26.0 13.1 39.3

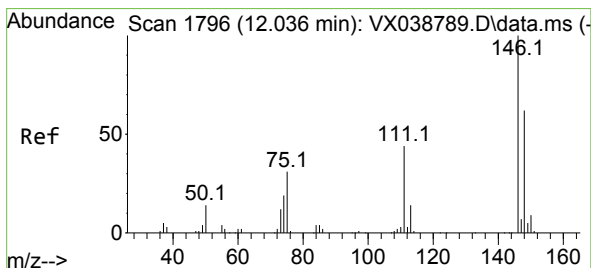
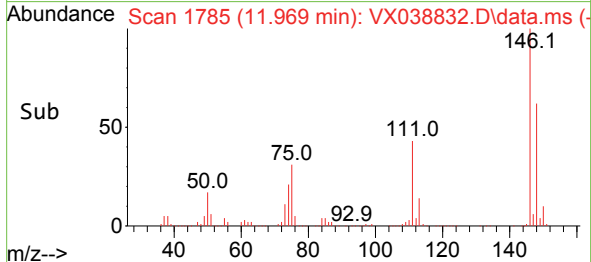
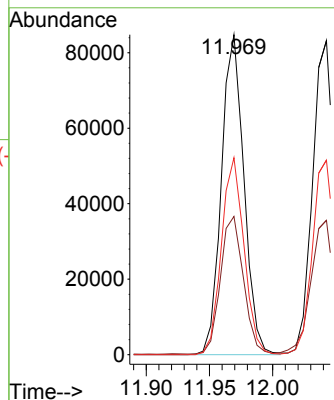
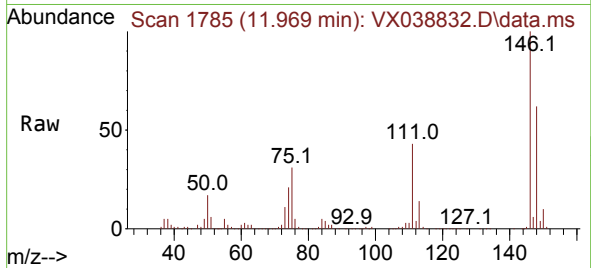




#87  
 1,3-Dichlorobenzene  
 Concen: 20.118 ug/l  
 RT: 11.969 min Scan# 1785  
 Delta R.T. 0.000 min  
 Lab File: VX038832.D  
 Acq: 16 Nov 2023 10:57

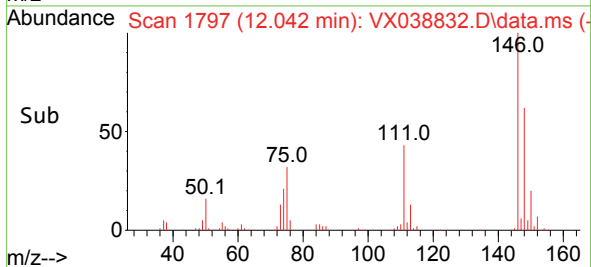
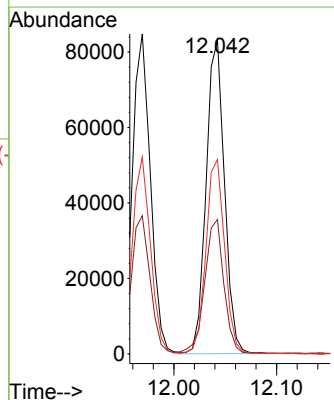
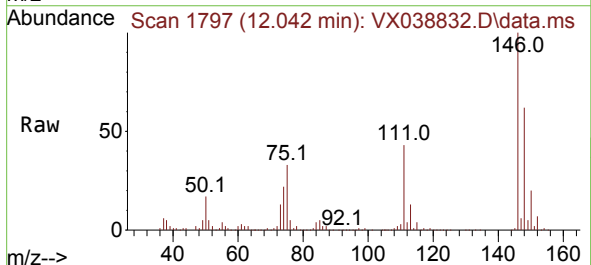
Instrument :  
 MSVOA\_X  
 ClientSampleId :

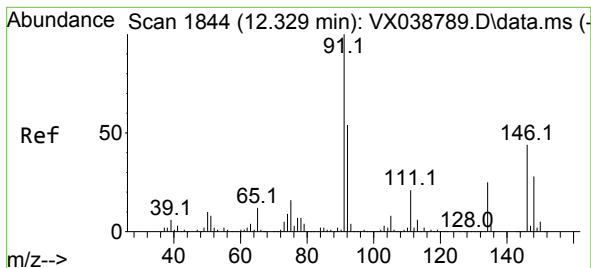
Tgt Ion:146 Resp: 104833  
 Ion Ratio Lower Upper  
 146 100  
 111 43.8 22.1 66.1  
 148 61.6 31.8 95.3



#88  
 1,4-Dichlorobenzene  
 Concen: 19.366 ug/l  
 RT: 12.042 min Scan# 1797  
 Delta R.T. 0.006 min  
 Lab File: VX038832.D  
 Acq: 16 Nov 2023 10:57

Tgt Ion:146 Resp: 103286  
 Ion Ratio Lower Upper  
 146 100  
 111 44.5 21.3 63.7  
 148 63.0 31.8 95.4





#89

n-Butylbenzene

Concen: 19.373 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA\_X

ClientSampleId :

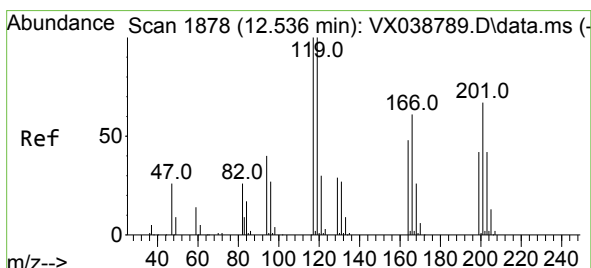
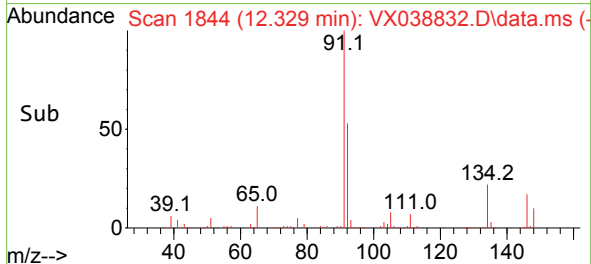
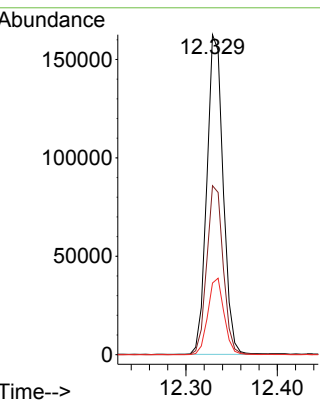
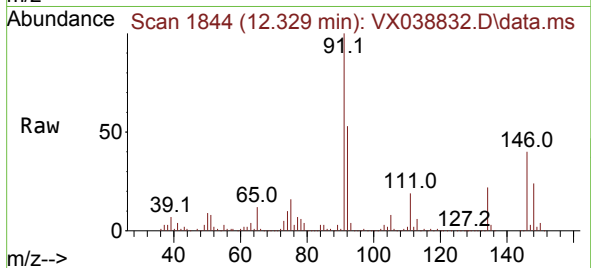
Tgt Ion: 91 Resp: 201271

Ion Ratio Lower Upper

91 100

92 53.5 27.4 82.0

134 23.8 12.6 37.8



#90

Hexachloroethane

Concen: 20.170 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038832.D

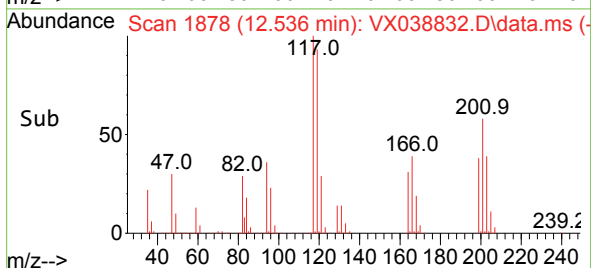
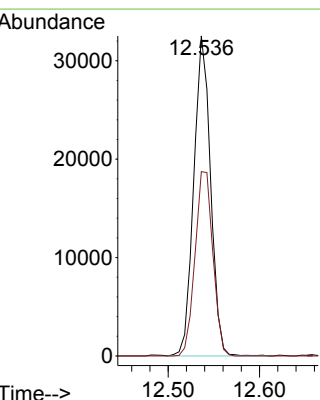
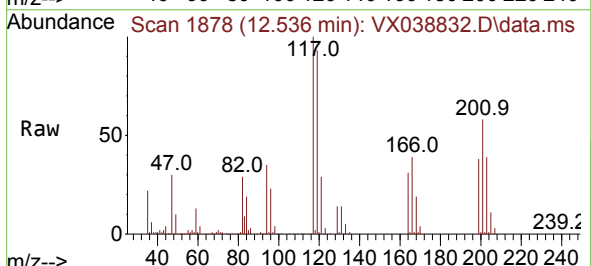
Acq: 16 Nov 2023 10:57

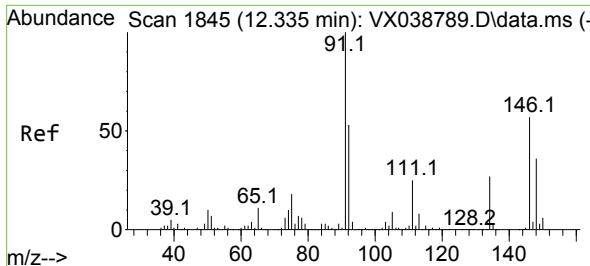
Tgt Ion: 117 Resp: 41476

Ion Ratio Lower Upper

117 100

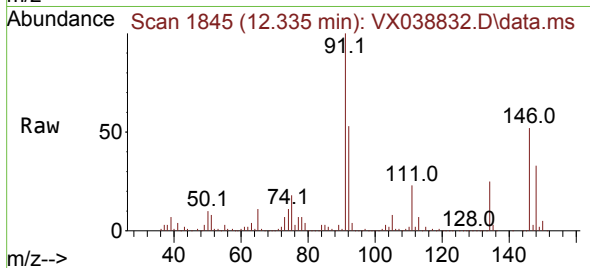
201 61.1 32.9 98.6



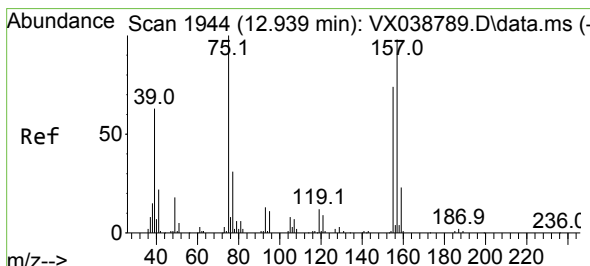
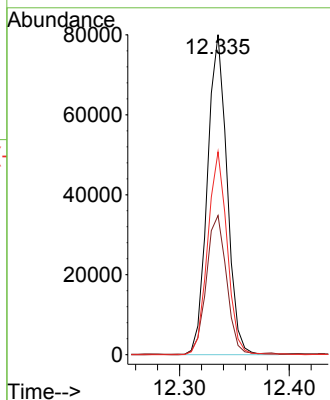
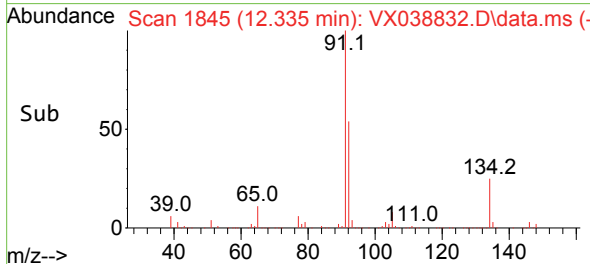


#91  
1,2-Dichlorobenzene  
Concen: 20.102 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57

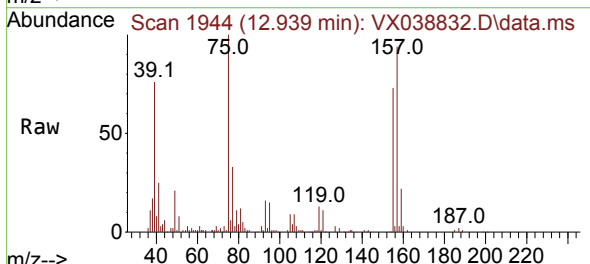
Instrument :  
MSVOA\_X  
ClientSampleId :



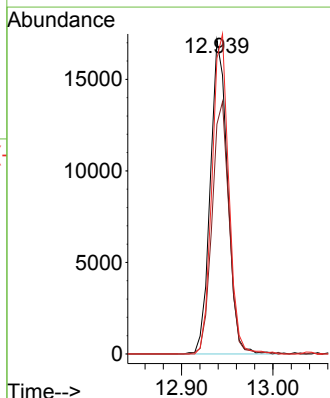
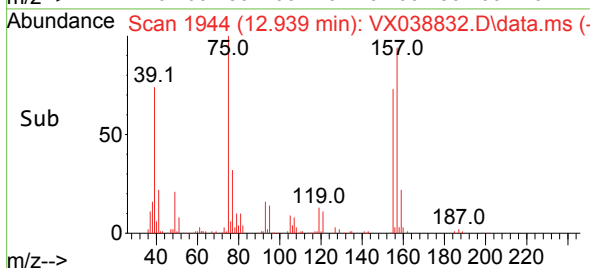
Tgt Ion:146 Resp: 99353  
Ion Ratio Lower Upper  
146 100  
111 44.4 22.4 67.0  
148 62.9 31.6 95.0

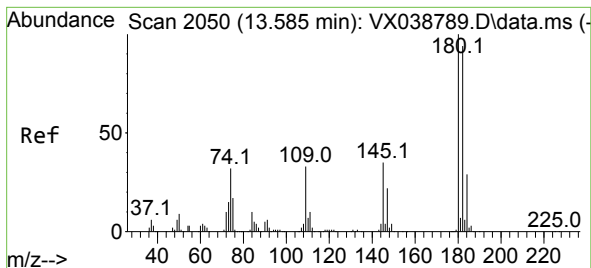


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.876 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. 0.000 min  
Lab File: VX038832.D  
Acq: 16 Nov 2023 10:57



Tgt Ion: 75 Resp: 22512  
Ion Ratio Lower Upper  
75 100  
155 79.2 36.1 108.5  
157 98.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.249 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA\_X

ClientSampleId :

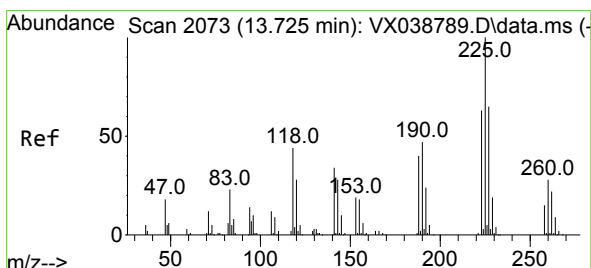
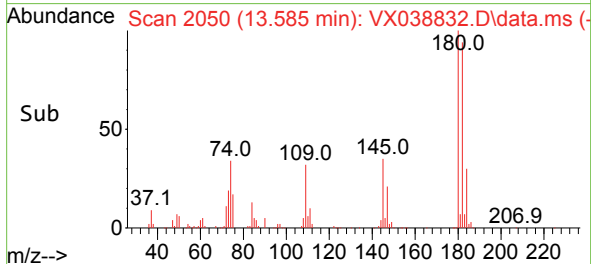
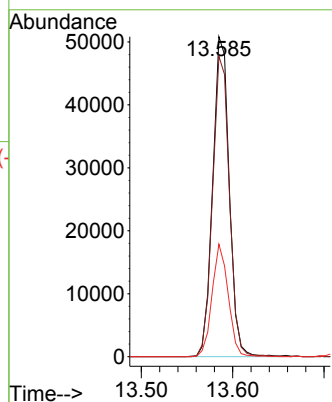
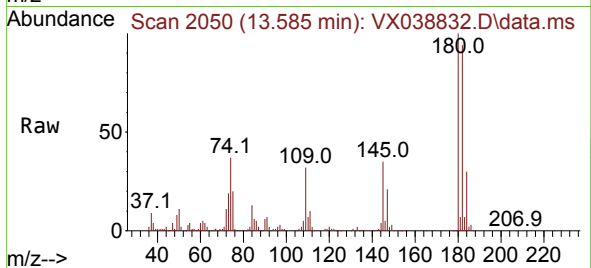
Tgt Ion:180 Resp: 63752

Ion Ratio Lower Upper

180 100

182 95.3 48.3 144.8

145 34.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 18.968 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

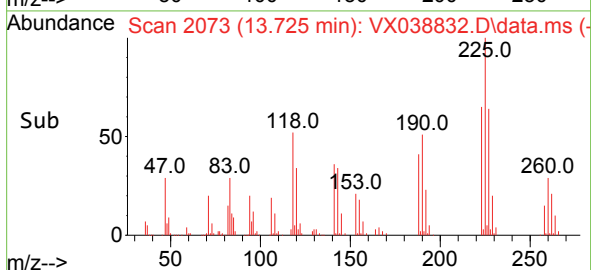
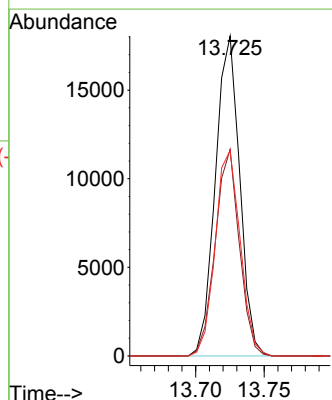
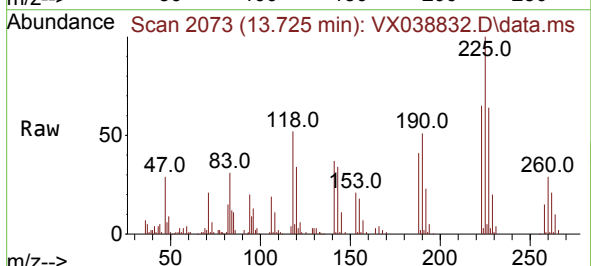
Tgt Ion:225 Resp: 22247

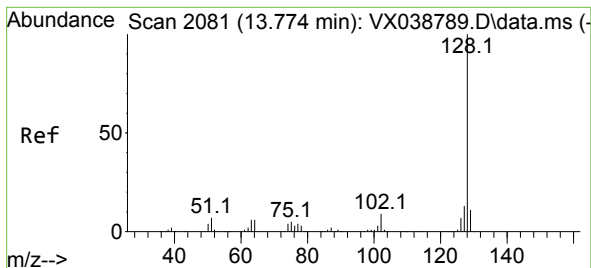
Ion Ratio Lower Upper

225 100

223 63.9 31.1 93.2

227 66.0 32.5 97.5





#95

Naphthalene

Concen: 19.915 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Instrument :

MSVOA\_X

ClientSampleId :

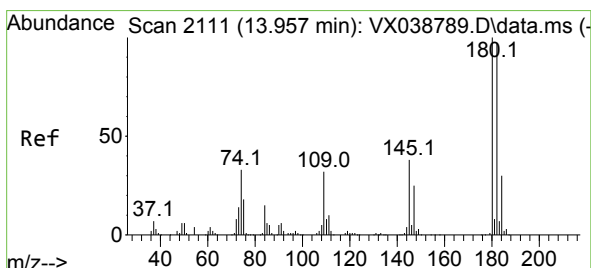
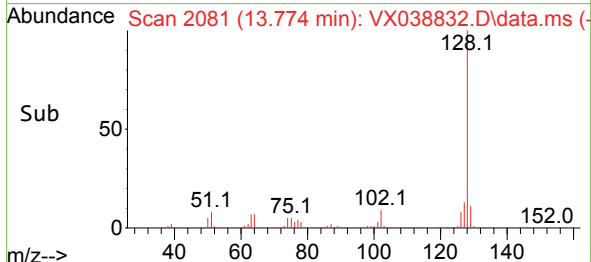
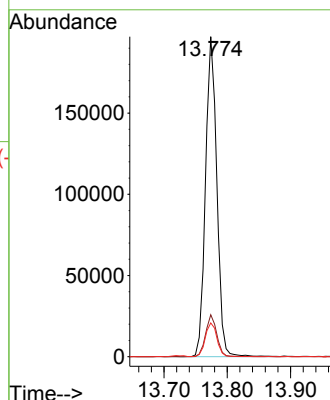
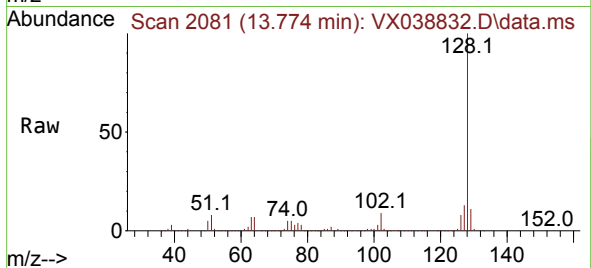
Tgt Ion:128 Resp: 245646

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.877 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX038832.D

Acq: 16 Nov 2023 10:57

Tgt Ion:180 Resp: 62406

Ion Ratio Lower Upper

180 100

182 94.1 46.9 140.6

145 36.4 17.8 53.5

