

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081823\  
 Data File : VX037106.D  
 Acq On : 19 Aug 2023 04:02  
 Operator : JC/MD  
 Sample : 04071-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 21 01:40:06 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 18 09:30:38 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|--------|-----------|
| -----                       |        |       |          |          |        |           |
| Internal Standards          |        |       |          |          |        |           |
| 1) Pentafluorobenzene       | 5.549  | 168   | 143638   | 50.000   | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 263765   | 50.000   | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 242101   | 50.000   | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 113890   | 50.000   | ug/l   | 0.00      |
| System Monitoring Compounds |        |       |          |          |        |           |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 124420   | 60.083   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 120.160%# |
| 35) Dibromofluoromethane    | 5.385  | 113   | 97327    | 55.716   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 111.440%  |
| 50) Toluene-d8              | 8.646  | 98    | 333223   | 52.588   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 105.180%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 131392   | 52.765   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 105.520%  |
| Target Compounds            |        |       |          |          |        | Qvalue    |
| 5) Bromomethane             | 1.611  | 94    | 206      | 0.260    | ug/l # | 3         |
| 11) Tert butyl alcohol      | 2.952  | 59    | 8843     | 18.204   | ug/l   | 99        |
| 13) Acrolein                | 2.239  | 56    | 476      | 1.288    | ug/l   | 86        |
| 14) Allyl chloride          | 2.635  | 41    | 2012     | 0.879    | ug/l # | 24        |
| 15) Acrylonitrile           | 3.074  | 53    | 231      | 0.266    | ug/l # | 41        |
| 16) Acetone                 | 2.379  | 43    | 45683    | 56.391   | ug/l   | 92        |
| 17) Carbon Disulfide        | 2.513  | 76    | 3789     | 1.007    | ug/l # | 94        |
| 18) Methyl Acetate          | 2.708  | 43    | 2801     | 0.918    | ug/l   | 96        |
| 20) Methylene Chloride      | 2.788  | 84    | 14224    | 7.851    | ug/l   | 91        |
| 25) 2-Butanone              | 4.562  | 43    | 14442    | 11.840   | ug/l # | 88        |
| 29) Tetrahydrofuran         | 5.043  | 42    | 522      | 0.671    | ug/l # | 70        |
| 31) Cyclohexane             | 5.476  | 56    | 540      | 0.232    | ug/l # | 85        |
| 36) 1,1-Dichloropropene     | 5.549  | 75    | 11636    | 4.689    | ug/l # | 51        |
| 37) Ethyl Acetate           | 4.726  | 43    | 3727     | 1.470    | ug/l # | 96        |
| 38) Carbon Tetrachloride    | 5.549  | 117   | 15694    | 5.821    | ug/l # | 15        |
| 40) Benzene                 | 6.037  | 78    | 448005   | 62.941   | ug/l   | 99        |
| 42) 1,2-Dichloroethane      | 6.037  | 62    | 4295     | 1.539    | ug/l # | 77        |
| 43) Isopropyl Acetate       | 6.336  | 43    | 116494   | 28.943   | ug/l # | 93        |
| 48) Methyl methacrylate     | 7.793  | 41    | 94024    | 47.902   | ug/l # | 48        |
| 49) 1,4-Dioxane             | 7.665  | 88    | 23       | 0.435    | ug/l # | 1         |
| 51) 4-Methyl-2-Pentanone    | 8.549  | 43    | 112097   | 45.866   | ug/l # | 54        |
| 52) Toluene                 | 8.720  | 92    | 230201   | 48.949   | ug/l   | 100       |
| 53) t-1,3-Dichloropropene   | 8.951  | 75    | 843      | 0.299    | ug/l # | 43        |
| 54) cis-1,3-Dichloropropene | 8.549  | 75    | 47524    | 15.597   | ug/l # | 52        |
| 55) 1,1,2-Trichloroethane   | 9.018  | 97    | 1374     | 0.717    | ug/l # | 17        |
| 57) 1,3-Dichloropropane     | 9.482  | 76    | 5300     | 1.642    | ug/l # | 42        |
| 59) 2-Hexanone              | 9.482  | 43    | 64403    | 34.560   | ug/l   | 77        |
| 67) Ethyl Benzene           | 10.195 | 91    | 20890    | 2.320    | ug/l   | 100       |
| 68) m/p-Xylenes             | 10.299 | 106   | 52368    | 15.061   | ug/l   | 99        |
| 69) o-Xylene                | 10.640 | 106   | 32275    | 9.408    | ug/l   | 98        |
| 70) Styrene                 | 10.652 | 104   | 35619    | 6.303    | ug/l   | 97        |
| 74) N-amyl acetate          | 10.853 | 43    | 944      | 0.293    | ug/l # | 1         |
| 76) 1,2,3-Trichloropropane  | 11.079 | 75    | 67687    | 27.907   | ug/l # | 38        |
| 78) n-propylbenzene         | 11.304 | 91    | 2293     | 0.249    | ug/l   | 99        |
| 79) 2-Chlorotoluene         | 11.378 | 91    | 1565     | 0.266    | ug/l # | 42        |
| 80) 1,3,5-Trimethylbenzene  | 11.451 | 105   | 9673     | 1.401    | ug/l   | 99        |

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 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 21 01:40:06 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 18 09:30:38 2023  
 Response via : Initial Calibration

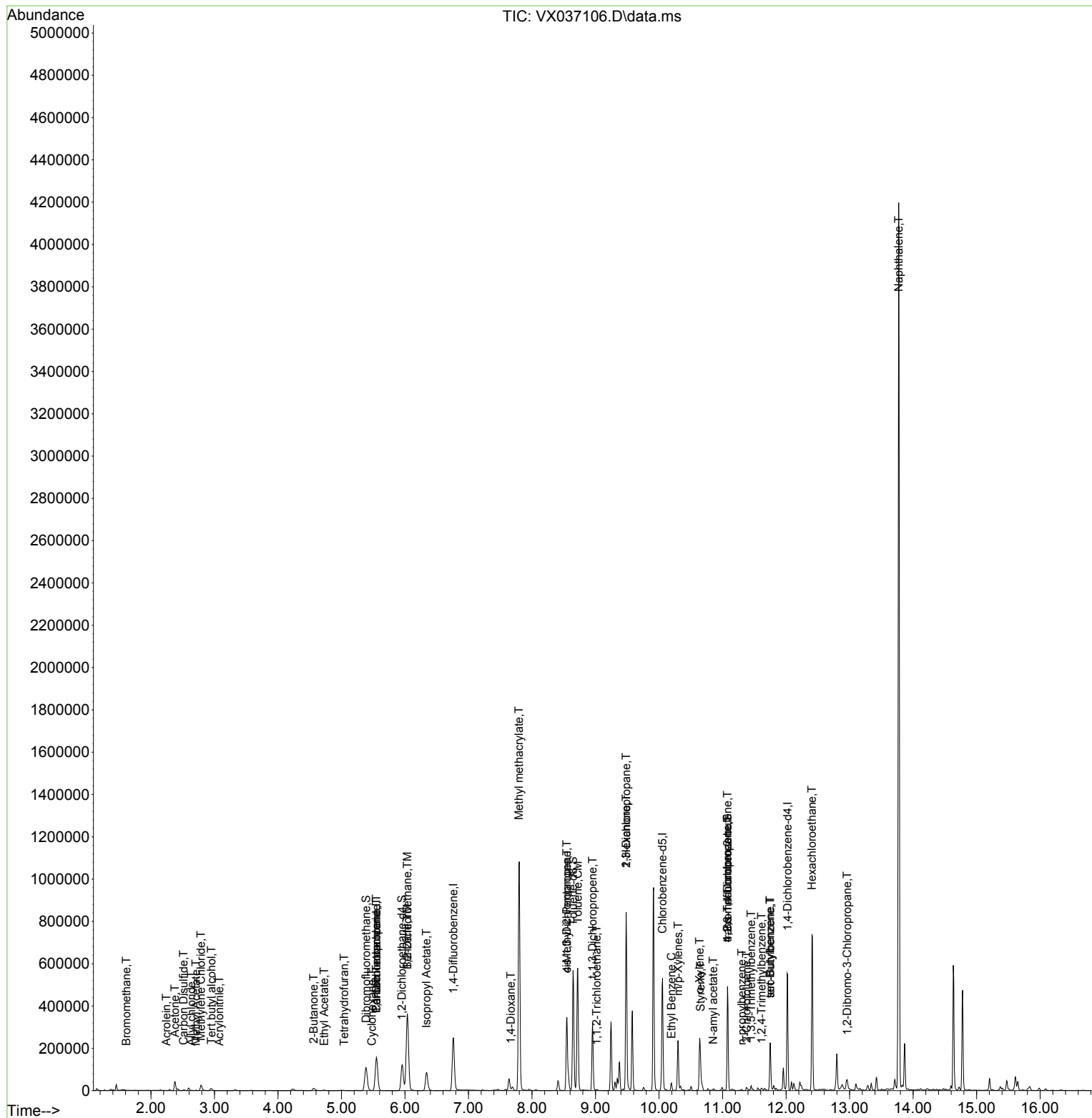
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75   | 67687    | 77.945  | ug/l # | 5        |
| 83) tert-Butylbenzene         | 11.749 | 119  | 3221     | 0.489   | ug/l # | 62       |
| 84) 1,2,4-Trimethylbenzene    | 11.615 | 105  | 4027     | 0.577   | ug/l   | 77       |
| 85) sec-Butylbenzene          | 11.749 | 105  | 71884    | 9.345   | ug/l # | 57       |
| 90) Hexachloroethane          | 12.408 | 117  | 28785    | 26.044  | ug/l # | 17       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.963 | 75   | 864      | 1.334   | ug/l # | 9        |
| 95) Naphthalene               | 13.774 | 128  | 2522879  | 265.569 | ug/l   | 99       |

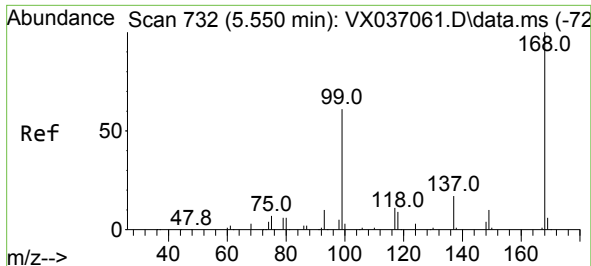
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Aug 18 09:30:38 2023  
Response via : Initial Calibration

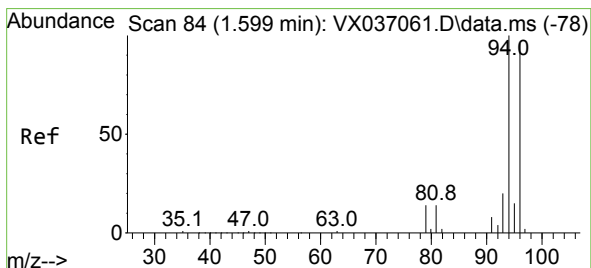
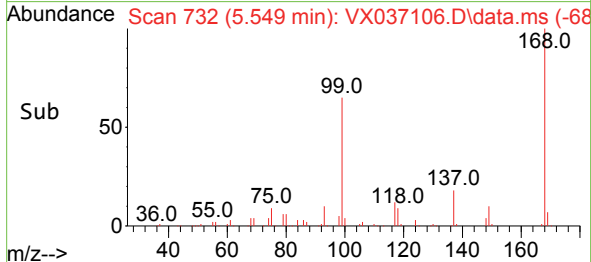
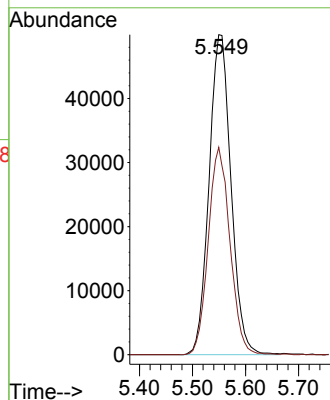
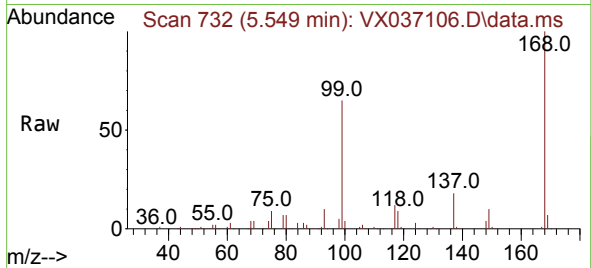




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.549 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

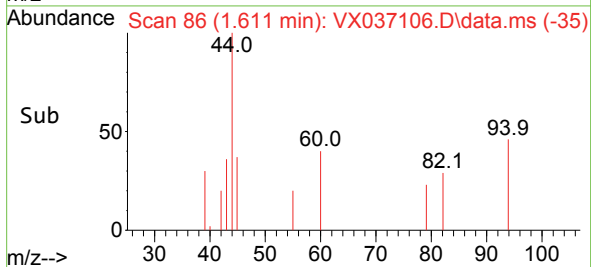
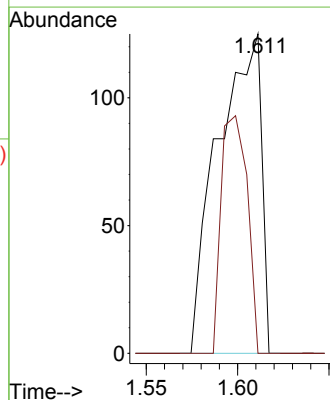
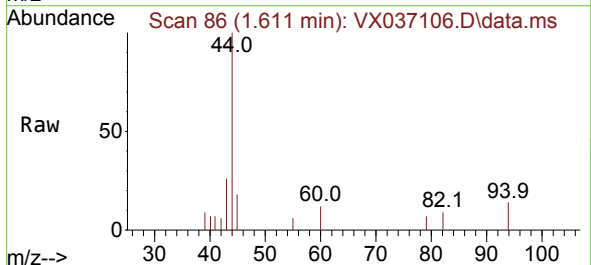
Instrument :  
MSVOA\_X  
ClientSampleId :

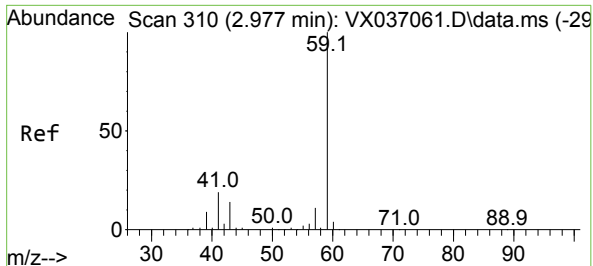
Tgt Ion:168 Resp: 143638  
Ion Ratio Lower Upper  
168 100  
99 64.8 56.6 85.0



#5  
Bromomethane  
Concen: 0.260 ug/l  
RT: 1.611 min Scan# 86  
Delta R.T. 0.012 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

Tgt Ion: 94 Resp: 206  
Ion Ratio Lower Upper  
94 100  
96 0.0 74.6 111.8#





#11

Tert butyl alcohol

Concen: 18.204 ug/l

RT: 2.952 min Scan# 30

Delta R.T. -0.025 min

Lab File: VX037106.D

Acq: 19 Aug 2023 04:02

Instrument :

MSVOA\_X

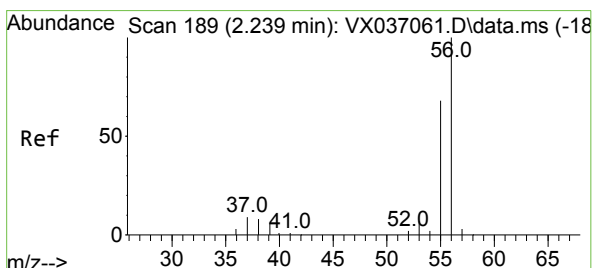
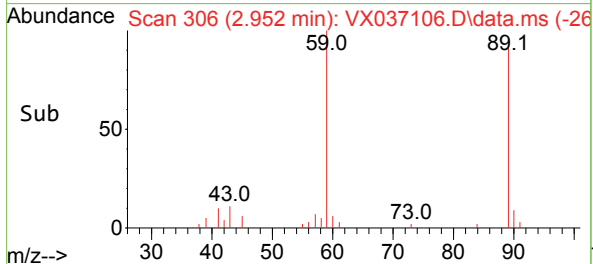
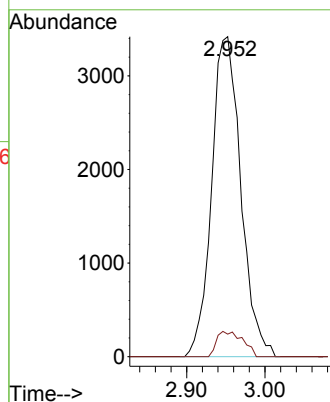
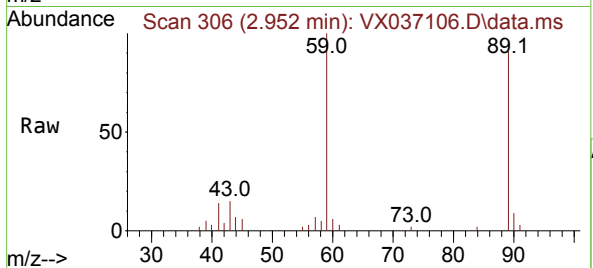
ClientSampleId :

Tgt Ion: 59 Resp: 8843

Ion Ratio Lower Upper

59 100

57 7.0 6.0 9.0



#13

Acrolein

Concen: 1.288 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX037106.D

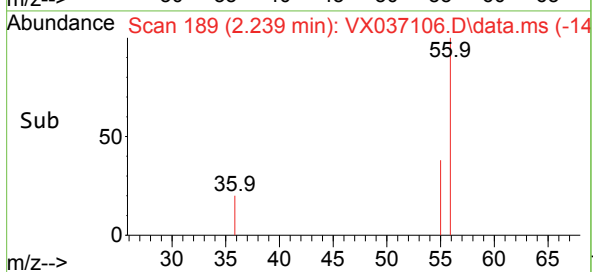
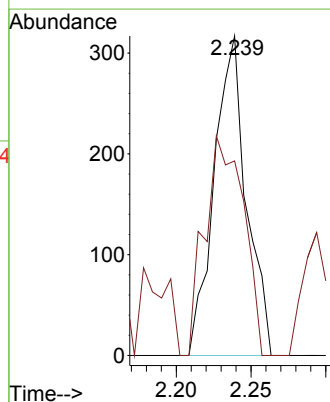
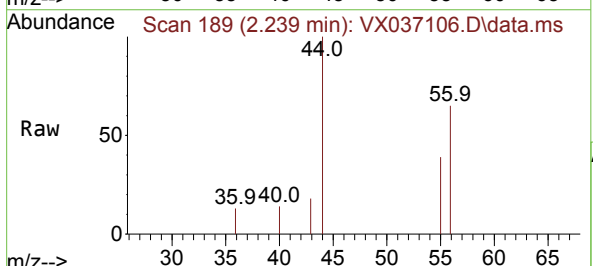
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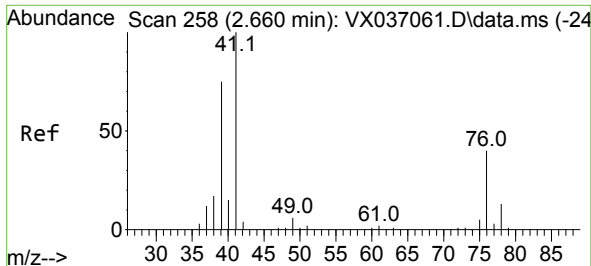
Tgt Ion: 56 Resp: 476

Ion Ratio Lower Upper

56 100

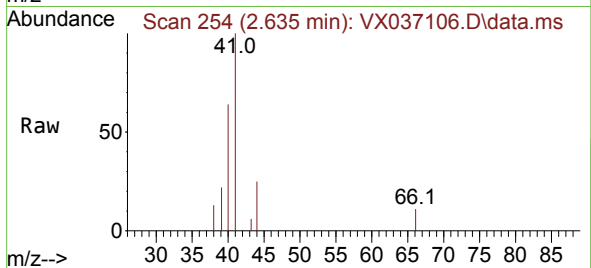
55 82.8 57.1 85.7



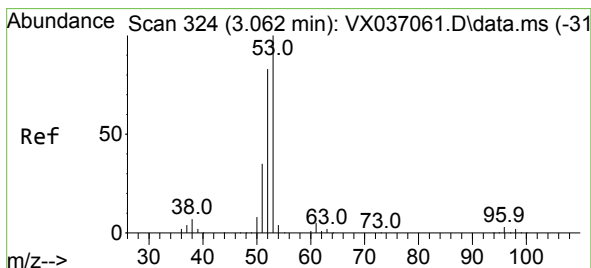
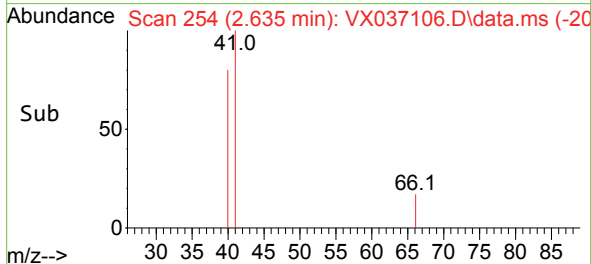
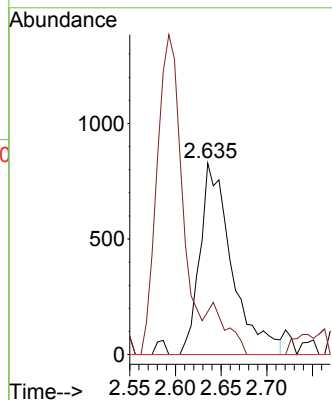


#14  
 Allyl chloride  
 Concen: 0.879 ug/l  
 RT: 2.635 min Scan# 21  
 Delta R.T. -0.025 min  
 Lab File: VX037106.D  
 Acq: 19 Aug 2023 04:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :

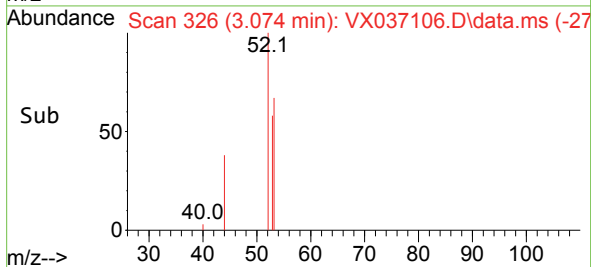
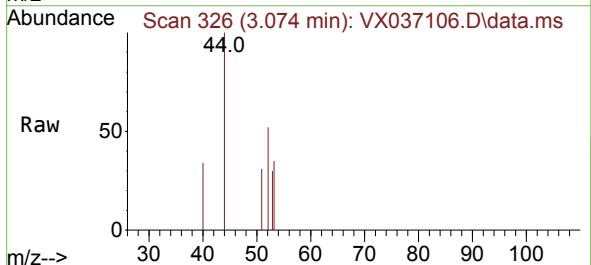
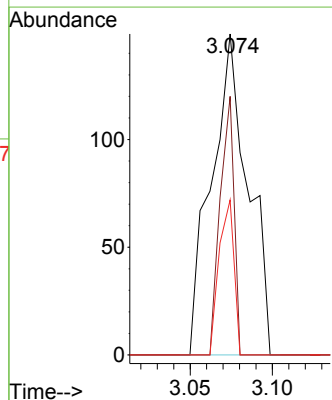


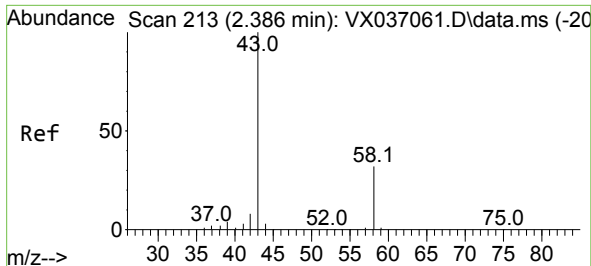
Tgt Ion: 41 Resp: 2012  
 Ion Ratio Lower Upper  
 41 100  
 39 0.0 55.8 83.6#  
 76 0.0 24.3 36.5#



#15  
 Acrylonitrile  
 Concen: 0.266 ug/l  
 RT: 3.074 min Scan# 326  
 Delta R.T. 0.012 min  
 Lab File: VX037106.D  
 Acq: 19 Aug 2023 04:02

Tgt Ion: 53 Resp: 231  
 Ion Ratio Lower Upper  
 53 100  
 52 30.7 66.0 99.0#  
 51 0.0 29.8 44.6#

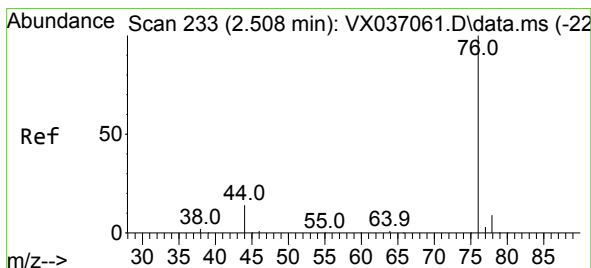
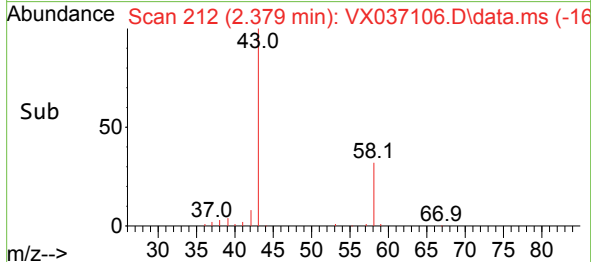
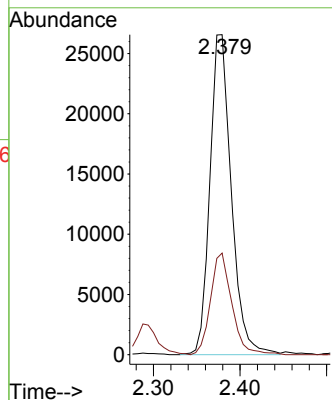
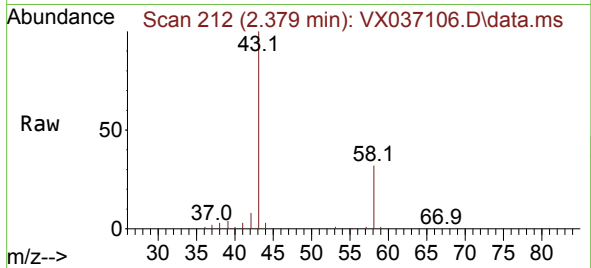




#16  
Acetone  
Concen: 56.391 ug/l  
RT: 2.379 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

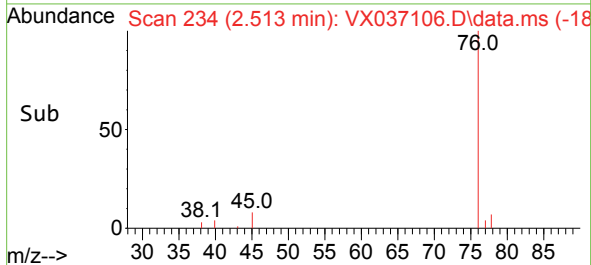
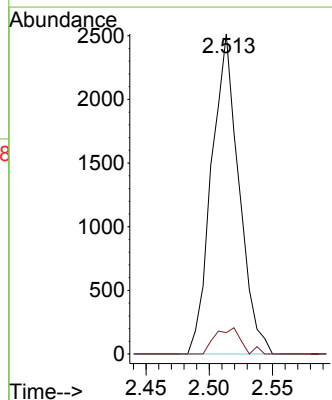
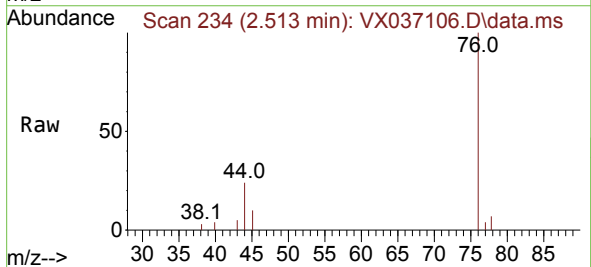
Instrument :  
MSVOA\_X  
ClientSampleId :

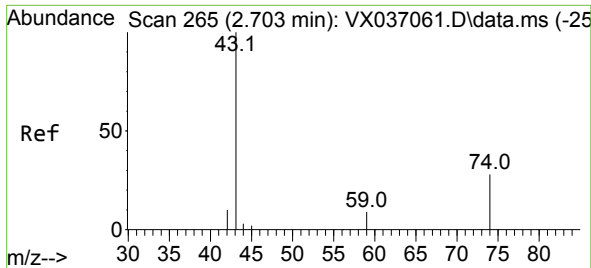
Tgt Ion: 43 Resp: 45683  
Ion Ratio Lower Upper  
43 100  
58 31.5 21.9 32.9



#17  
Carbon Disulfide  
Concen: 1.007 ug/l  
RT: 2.513 min Scan# 234  
Delta R.T. 0.006 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

Tgt Ion: 76 Resp: 3789  
Ion Ratio Lower Upper  
76 100  
78 6.6 7.0 10.6#





#18

Methyl Acetate

Concen: 0.918 ug/l

RT: 2.708 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX037106.D

Acq: 19 Aug 2023 04:02

Instrument :

MSVOA\_X

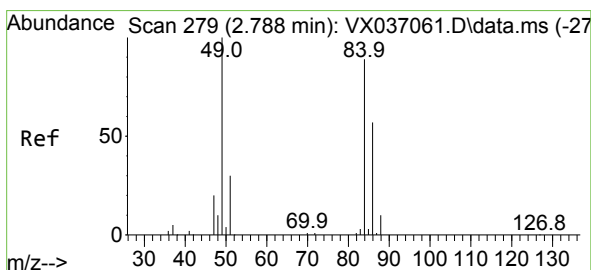
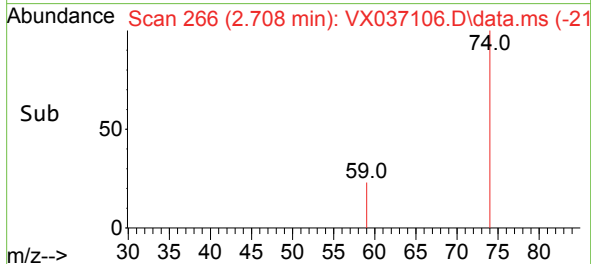
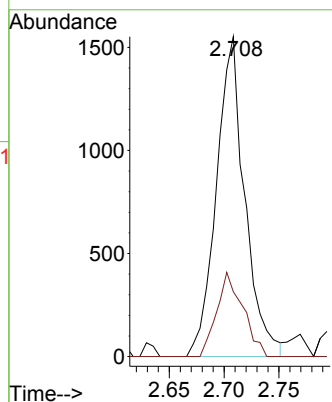
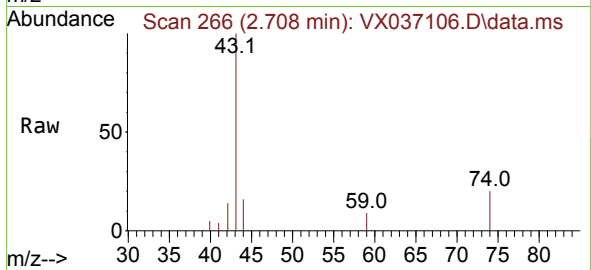
ClientSampleId :

Tgt Ion: 43 Resp: 2801

Ion Ratio Lower Upper

43 100

74 24.3 17.8 26.8



#20

Methylene Chloride

Concen: 7.851 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX037106.D

Acq: 19 Aug 2023 04:02

Tgt Ion: 84 Resp: 14224

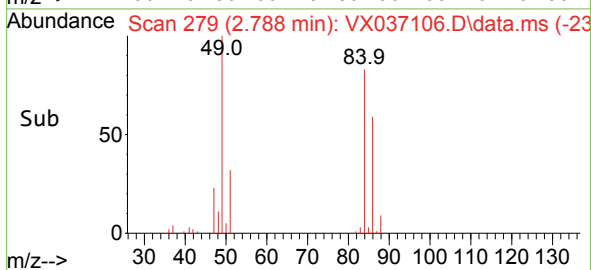
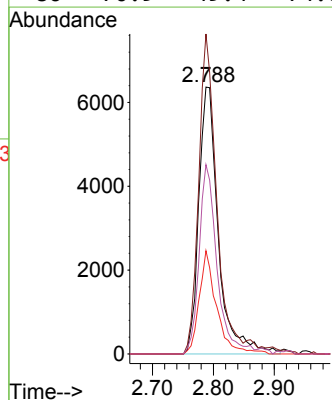
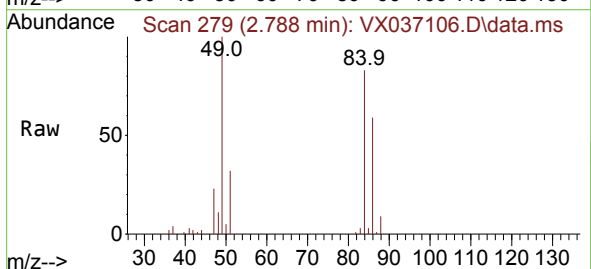
Ion Ratio Lower Upper

84 100

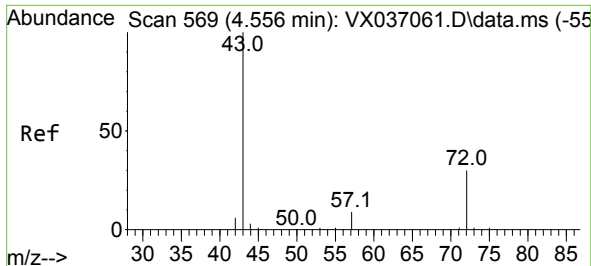
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51 38.7 33.8 50.6

86 70.9 49.4 74.0



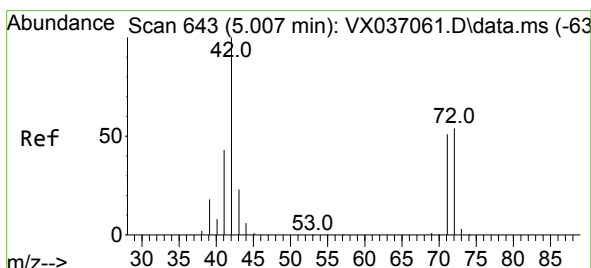
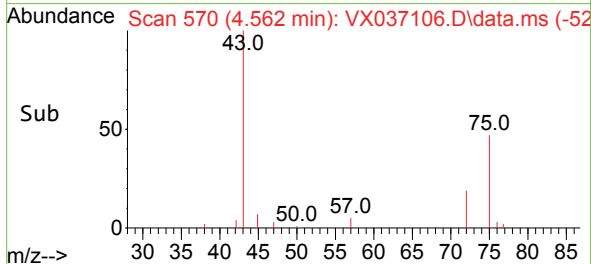
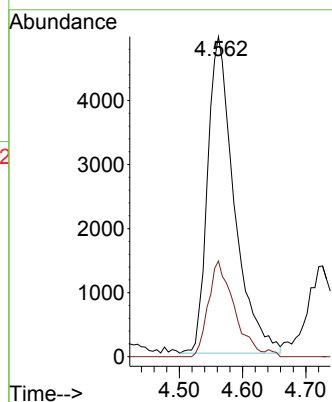
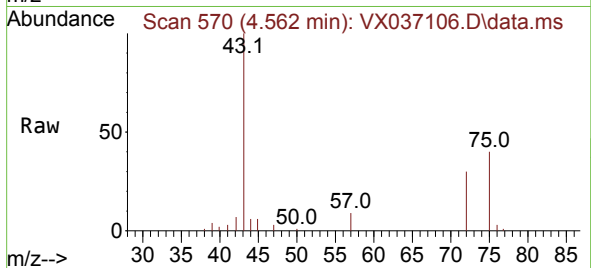




#25  
2-Butanone  
Concen: 11.840 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

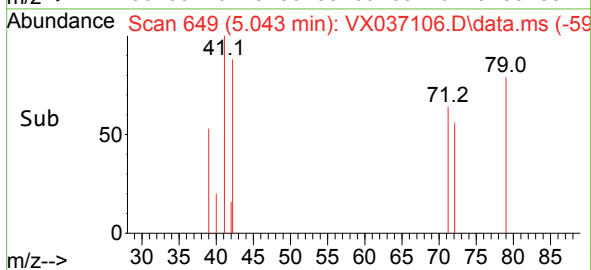
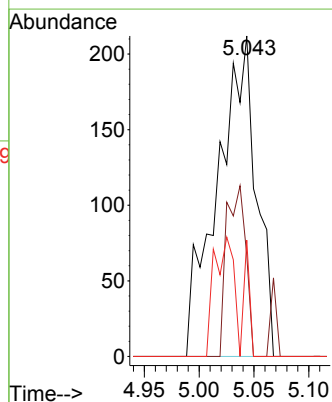
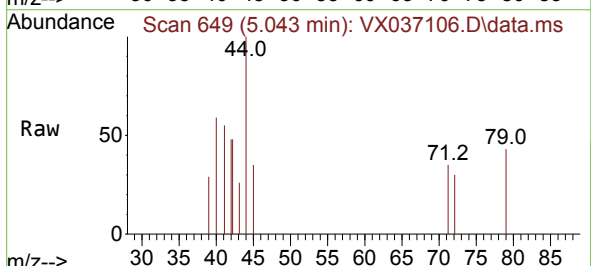
Instrument :  
MSVOA\_X  
ClientSampleId :

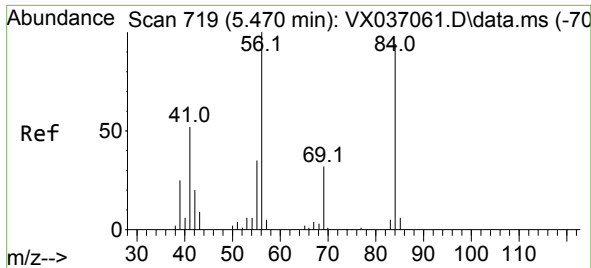
Tgt Ion: 43 Resp: 14442  
Ion Ratio Lower Upper  
43 100  
72 30.2 19.4 29.2#



#29  
Tetrahydrofuran  
Concen: 0.671 ug/l  
RT: 5.043 min Scan# 649  
Delta R.T. 0.036 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

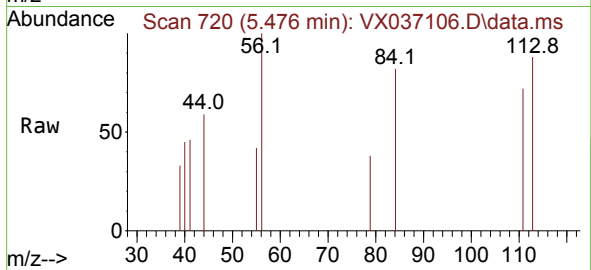
Tgt Ion: 42 Resp: 522  
Ion Ratio Lower Upper  
42 100  
72 26.2 34.2 51.4#  
71 18.8 32.2 48.2#



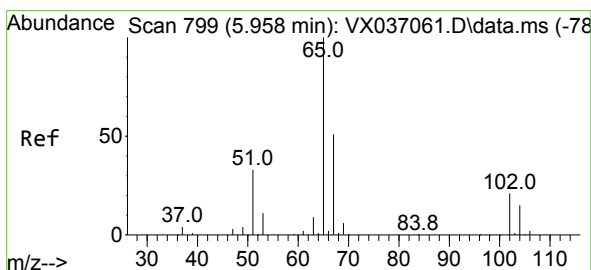
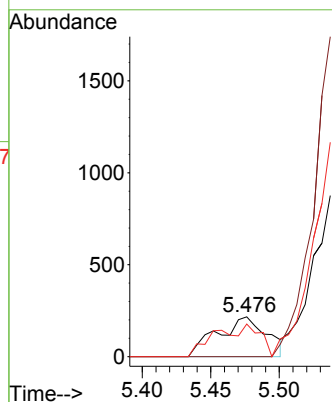
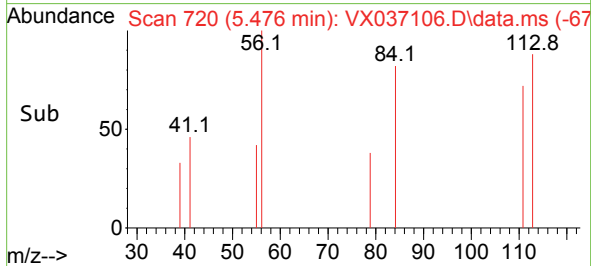


#31  
Cyclohexane  
Concen: 0.232 ug/l  
RT: 5.476 min Scan# 719  
Delta R.T. 0.006 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

Instrument :  
MSVOA\_X  
ClientSampleId :

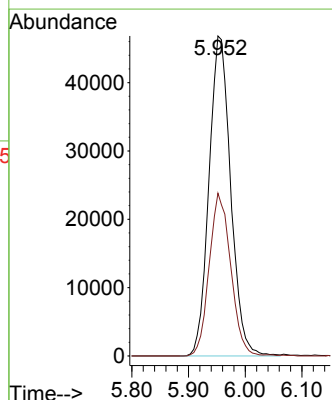
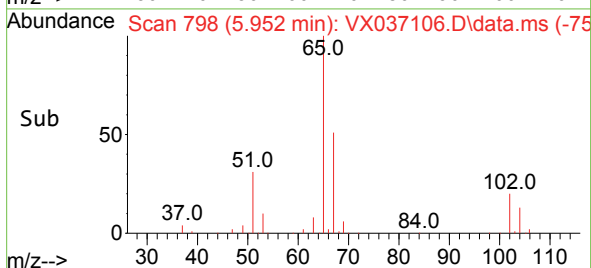
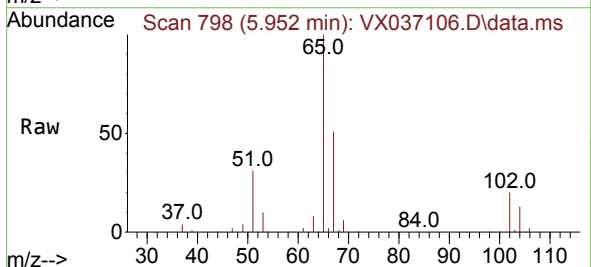


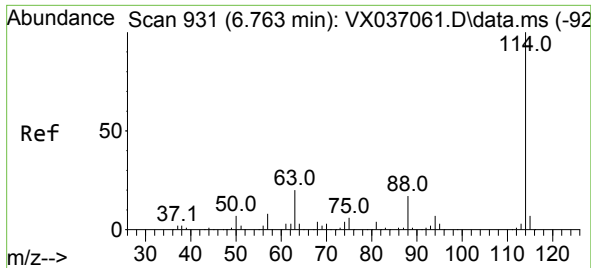
Tgt Ion: 56 Resp: 540  
Ion Ratio Lower Upper  
56 100  
69 0.0 23.4 35.2#  
84 82.0 65.9 98.9



#33  
1,2-Dichloroethane-d4  
Concen: 60.083 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

Tgt Ion: 65 Resp: 124420  
Ion Ratio Lower Upper  
65 100  
67 50.3 0.0 100.2

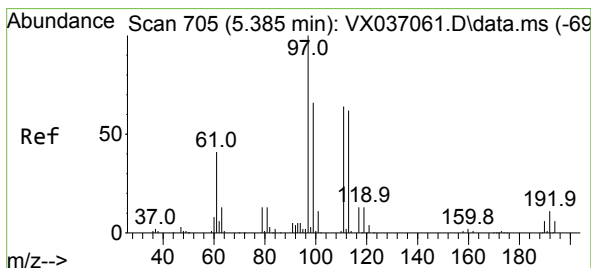
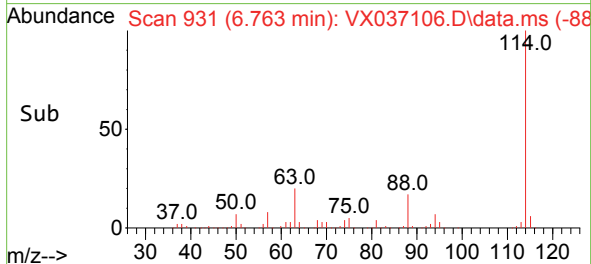
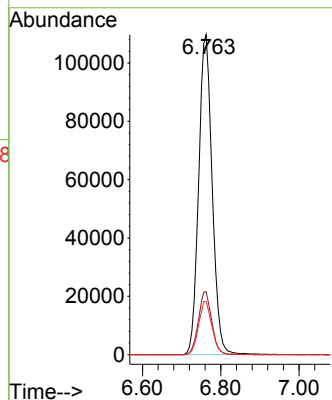
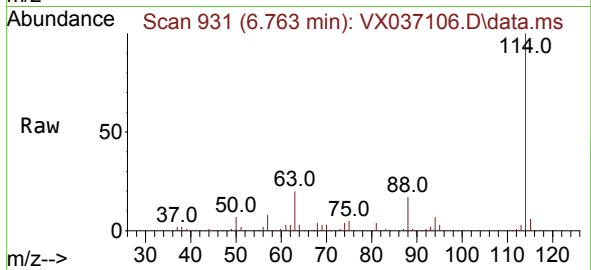




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

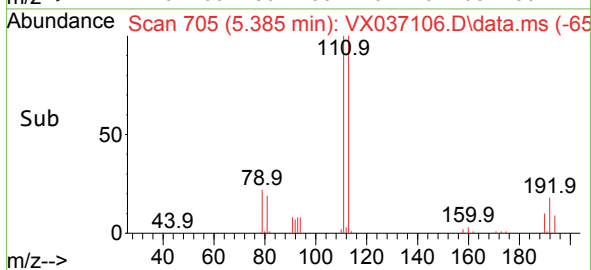
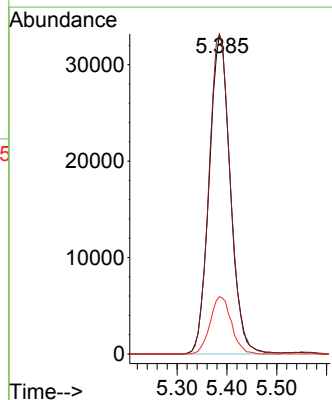
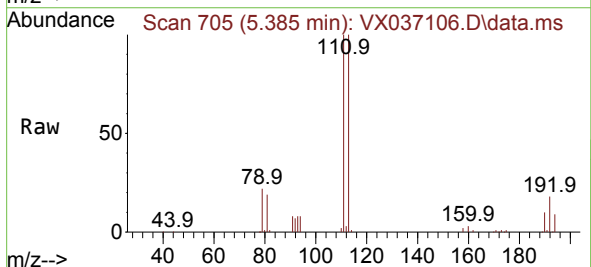
Instrument :  
MSVOA\_X  
ClientSampleId :

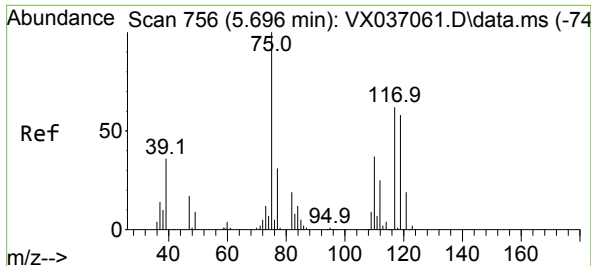
Tgt Ion:114 Resp: 263765  
Ion Ratio Lower Upper  
114 100  
63 19.7 0.0 45.0  
88 16.7 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 55.716 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

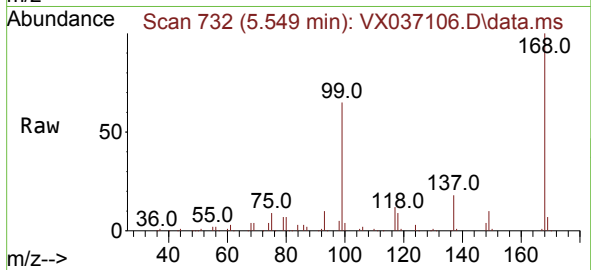
Tgt Ion:113 Resp: 97327  
Ion Ratio Lower Upper  
113 100  
111 101.3 82.9 124.3  
192 18.0 13.3 19.9



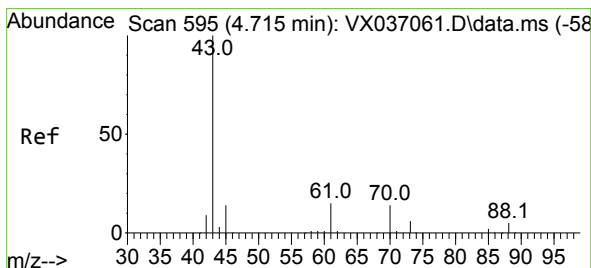
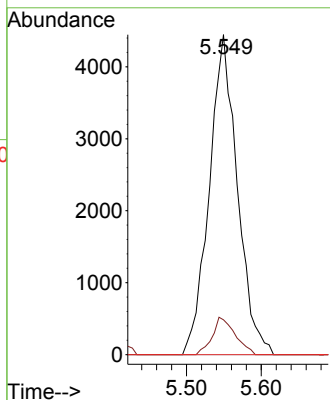
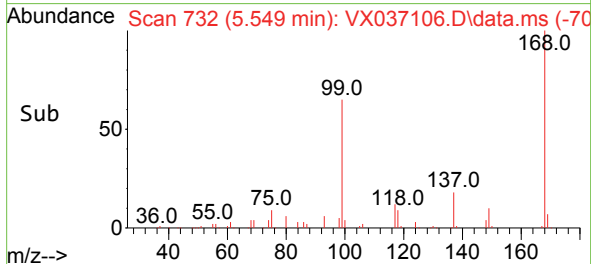


#36  
1,1-Dichloropropene  
Concen: 4.689 ug/l  
RT: 5.549 min Scan# 71  
Delta R.T. -0.147 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

Instrument :  
MSVOA\_X  
ClientSampleId :

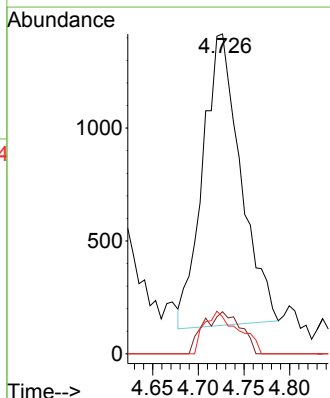
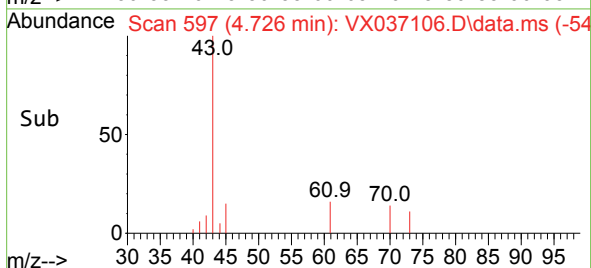
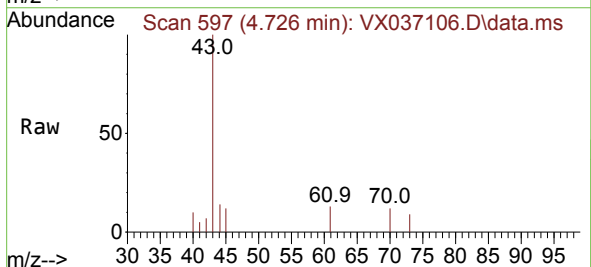


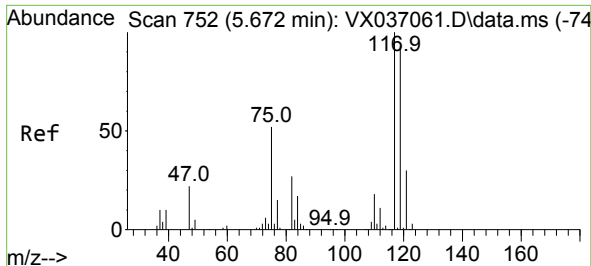
Tgt Ion: 75 Resp: 11636  
Ion Ratio Lower Upper  
75 100  
110 9.5 17.0 50.9#  
77 0.0 24.7 37.1#



#37  
Ethyl Acetate  
Concen: 1.470 ug/l  
RT: 4.726 min Scan# 597  
Delta R.T. 0.012 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

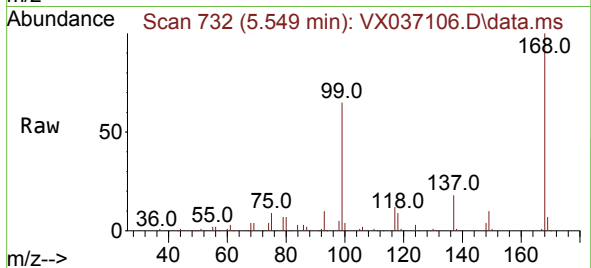
Tgt Ion: 43 Resp: 3727  
Ion Ratio Lower Upper  
43 100  
61 14.1 10.6 16.0  
70 13.2 8.3 12.5#



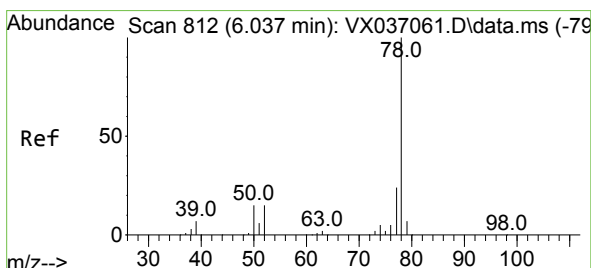
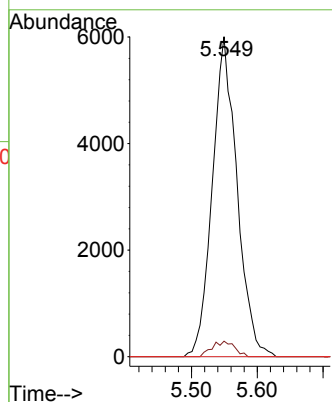
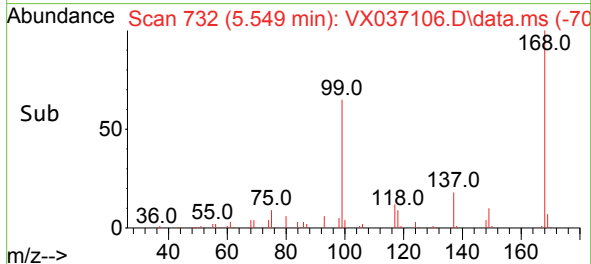


#38  
Carbon Tetrachloride  
Concen: 5.821 ug/l  
RT: 5.549 min Scan# 71  
Delta R.T. -0.122 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

Instrument :  
MSVOA\_X  
ClientSampleId :

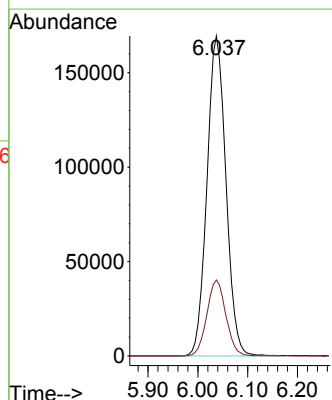
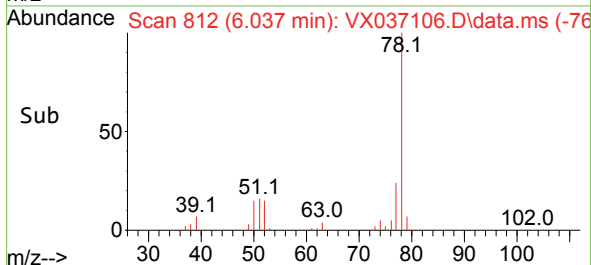
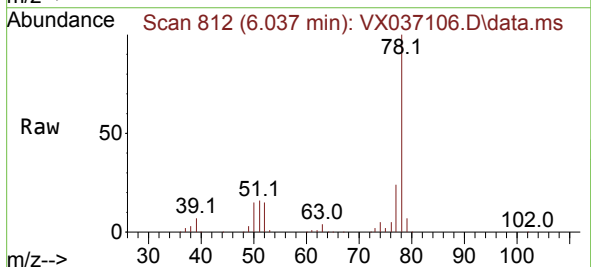


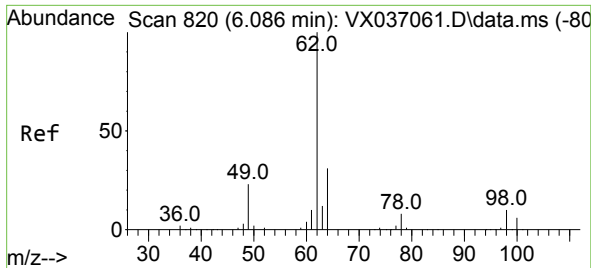
Tgt Ion:117 Resp: 15694  
Ion Ratio Lower Upper  
117 100  
119 4.8 78.2 117.2#  
121 0.0 24.4 36.6#



#40  
Benzene  
Concen: 62.941 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

Tgt Ion: 78 Resp: 448005  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.3 28.9

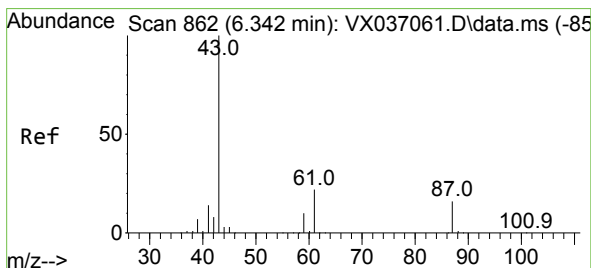
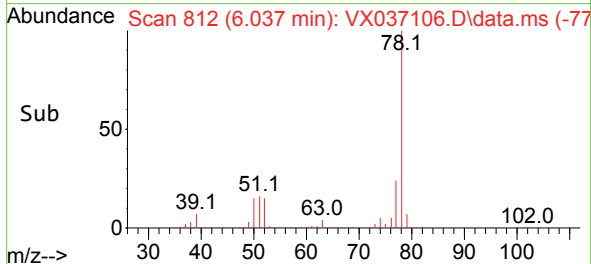
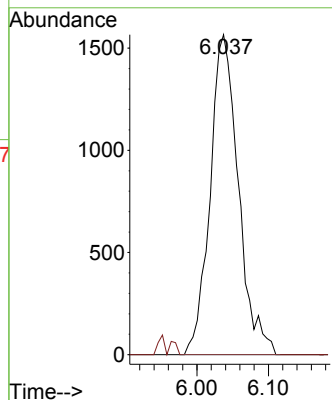
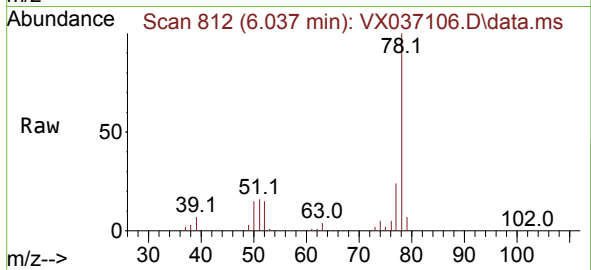




#42  
1,2-Dichloroethane  
Concen: 1.539 ug/l  
RT: 6.037 min Scan# 81  
Delta R.T. -0.049 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

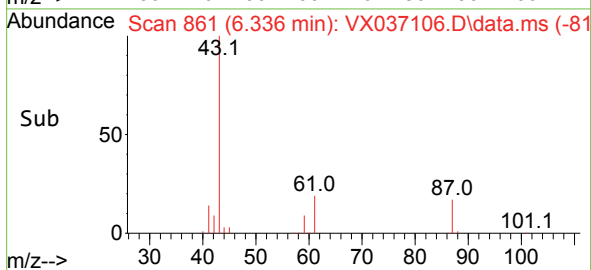
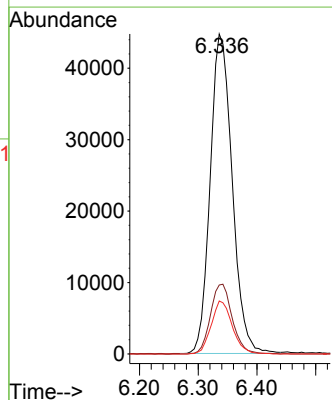
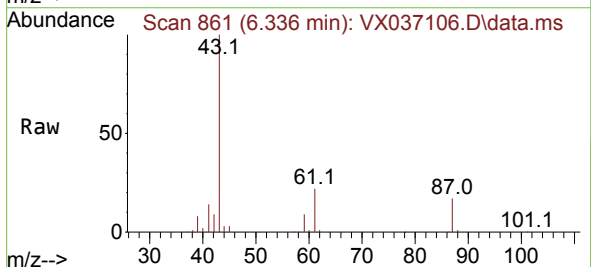
Instrument :  
MSVOA\_X  
ClientSampleId :

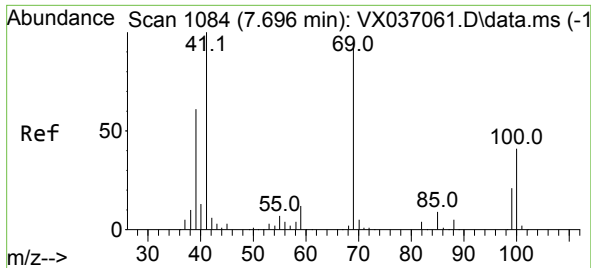
Tgt Ion: 62 Resp: 4295  
Ion Ratio Lower Upper  
62 100  
98 0.0 0.0 16.0



#43  
Isopropyl Acetate  
Concen: 28.943 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

Tgt Ion: 43 Resp: 116494  
Ion Ratio Lower Upper  
43 100  
61 21.6 15.2 22.8  
87 15.9 9.8 14.6#

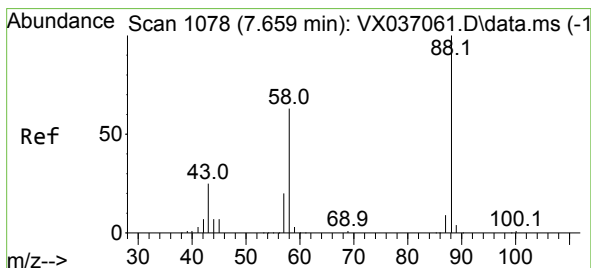
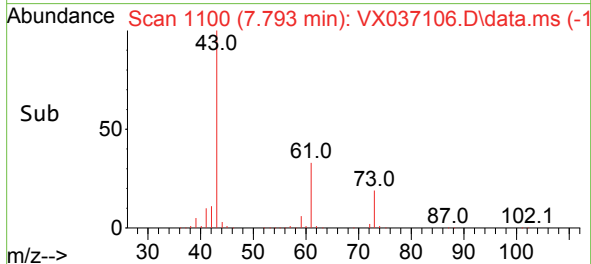
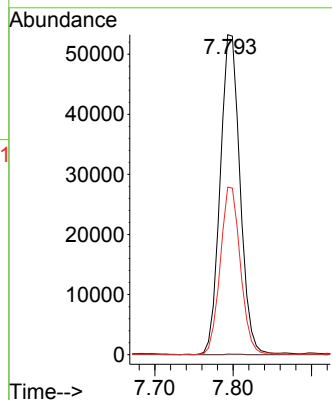
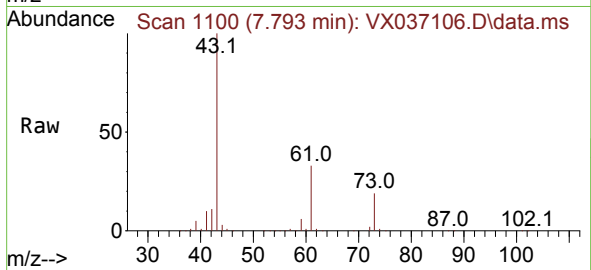




#48  
Methyl methacrylate  
Concen: 47.902 ug/l  
RT: 7.793 min Scan# 1100  
Delta R.T. 0.097 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

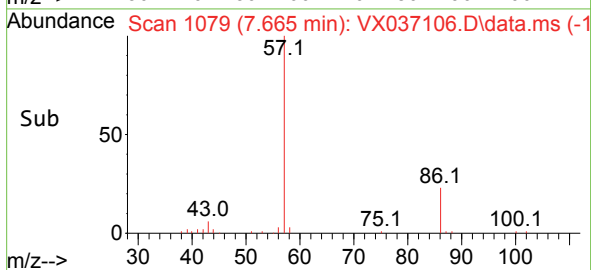
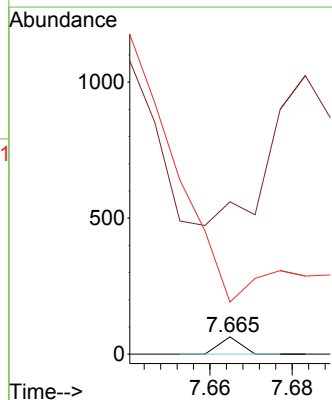
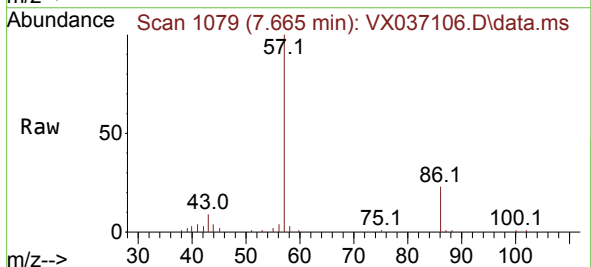
Instrument :  
MSVOA\_X  
ClientSampleId :

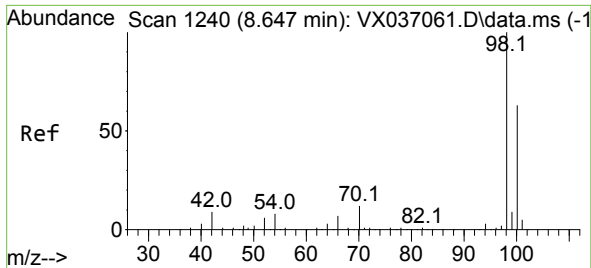
Tgt Ion: 41 Resp: 94024  
Ion Ratio Lower Upper  
41 100  
69 0.1 59.2 88.8#  
39 53.2 47.7 71.5



#49  
1,4-Dioxane  
Concen: 0.435 ug/l  
RT: 7.665 min Scan# 1079  
Delta R.T. 0.006 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

Tgt Ion: 88 Resp: 23  
Ion Ratio Lower Upper  
88 100  
43 0.0 0.0 0.0  
58 2556.5 60.1 90.1#

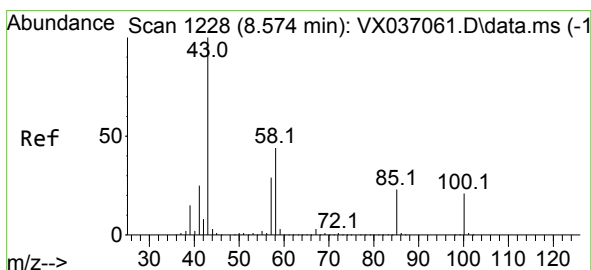
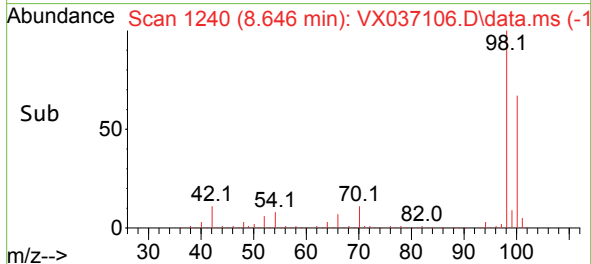
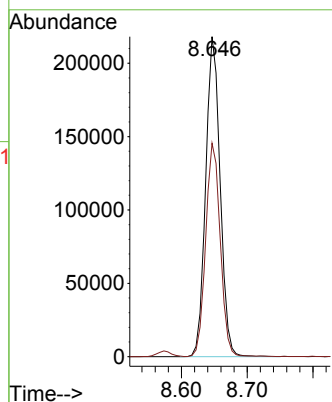
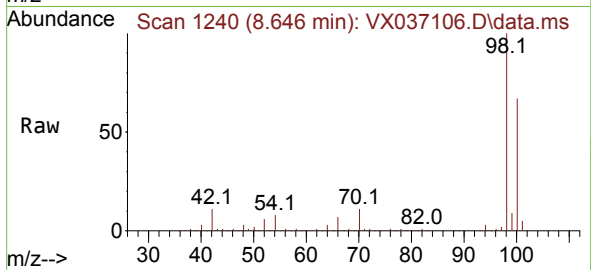




#50  
Toluene-d8  
Concen: 52.588 ug/l  
RT: 8.646 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

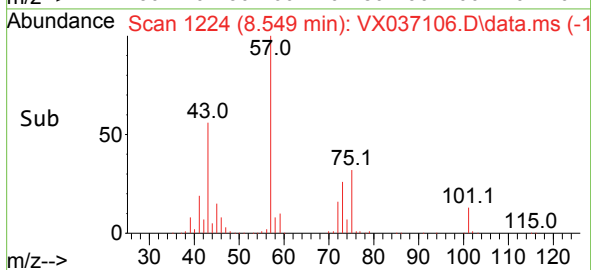
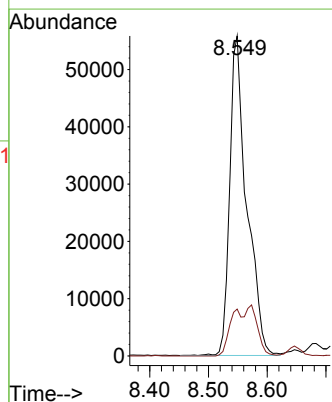
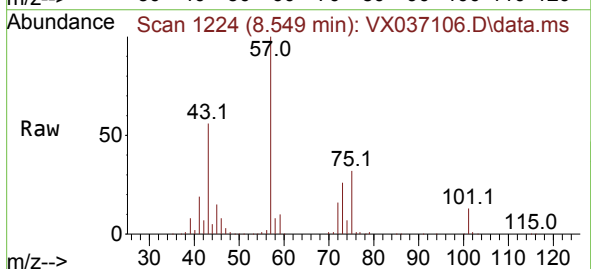
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 98 Resp: 333223  
Ion Ratio Lower Upper  
98 100  
100 67.2 53.1 79.7

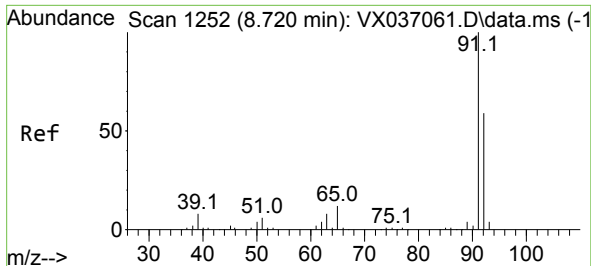


#51  
4-Methyl-2-Pentanone  
Concen: 45.866 ug/l  
RT: 8.549 min Scan# 1224  
Delta R.T. -0.025 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

Tgt Ion: 43 Resp: 112097  
Ion Ratio Lower Upper  
43 100  
58 10.5 30.4 45.6#



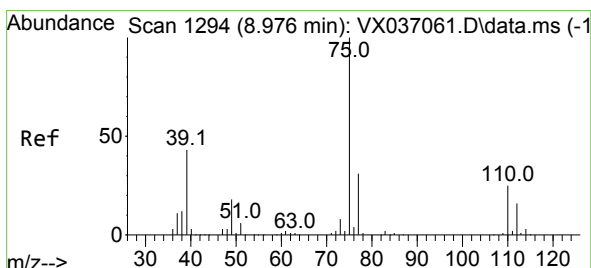
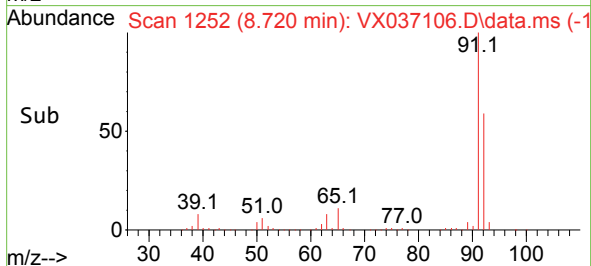
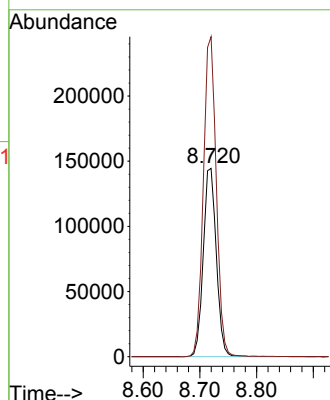
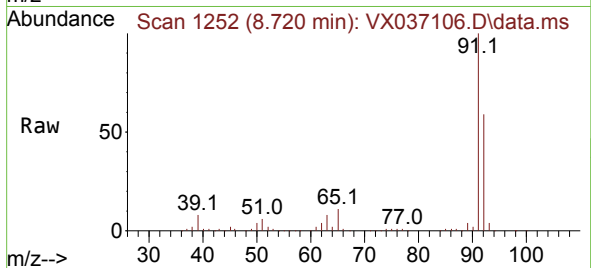




#52  
Toluene  
Concen: 48.949 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

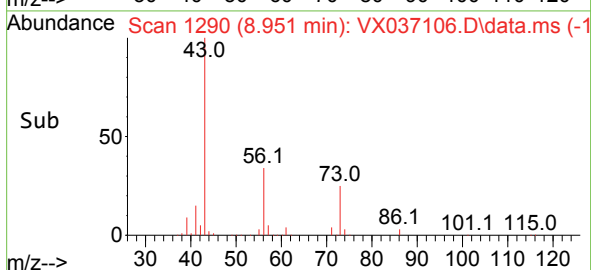
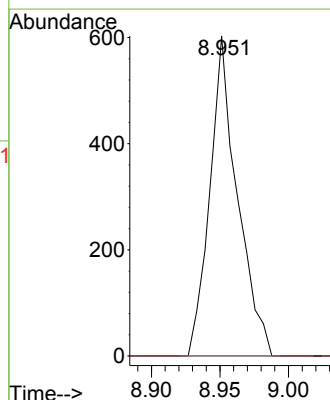
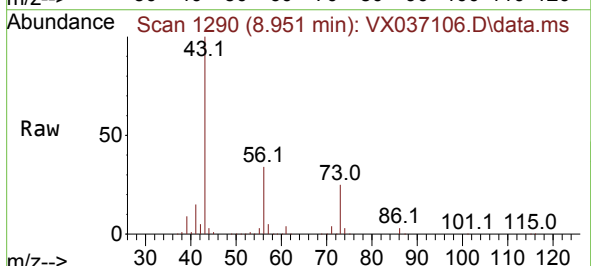
Instrument :  
MSVOA\_X  
ClientSampleId :

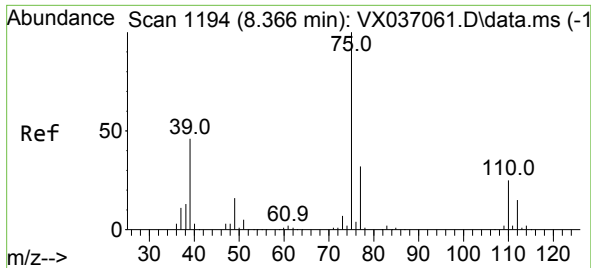
Tgt Ion: 92 Resp: 230201  
Ion Ratio Lower Upper  
92 100  
91 167.8 134.2 201.2



#53  
t-1,3-Dichloropropene  
Concen: 0.299 ug/l  
RT: 8.951 min Scan# 1290  
Delta R.T. -0.025 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

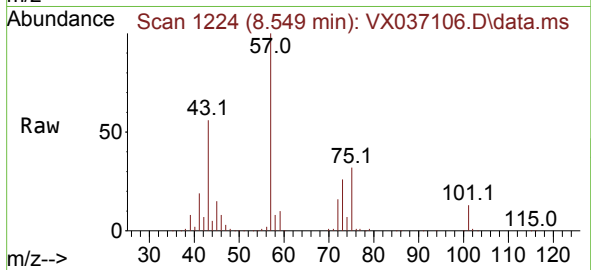
Tgt Ion: 75 Resp: 843  
Ion Ratio Lower Upper  
75 100  
77 0.0 25.7 38.5#



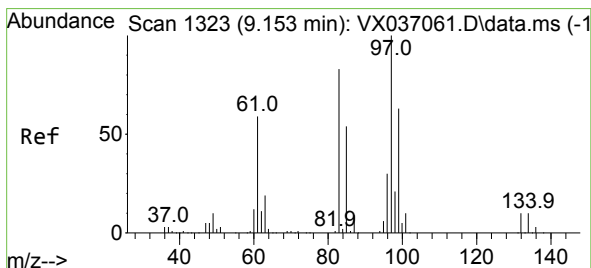
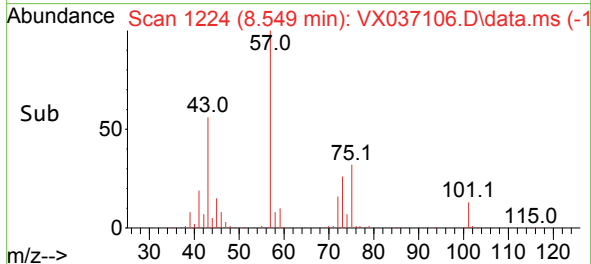
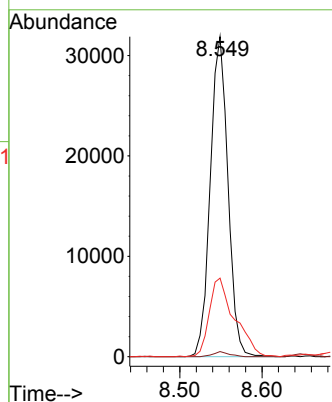


#54  
cis-1,3-Dichloropropene  
Concen: 15.597 ug/l  
RT: 8.549 min Scan# 1194  
Delta R.T. 0.183 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

Instrument :  
MSVOA\_X  
ClientSampleId :

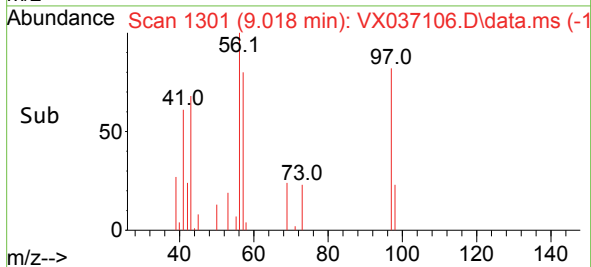
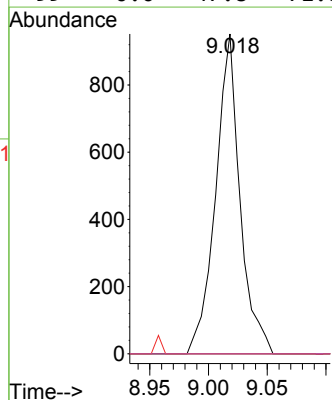
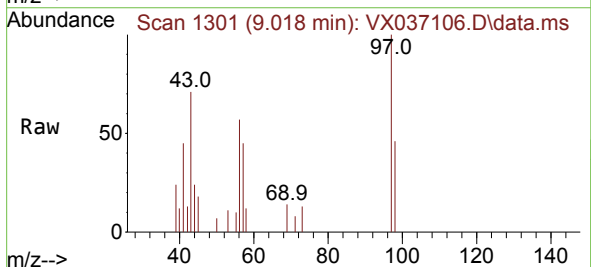


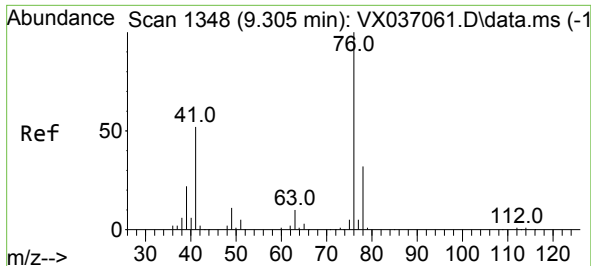
Tgt Ion: 75 Resp: 47524  
Ion Ratio Lower Upper  
75 100  
77 1.6 25.3 37.9#  
39 24.6 46.7 70.1#



#55  
1,1,2-Trichloroethane  
Concen: 0.717 ug/l  
RT: 9.018 min Scan# 1301  
Delta R.T. -0.134 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

Tgt Ion: 97 Resp: 1374  
Ion Ratio Lower Upper  
97 100  
83 0.0 65.8 98.8#  
85 0.0 41.6 62.4#  
99 0.0 47.8 71.8#





#57

1,3-Dichloropropane

Concen: 1.642 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.176 min

Lab File: VX037106.D

Acq: 19 Aug 2023 04:02

Instrument :

MSVOA\_X

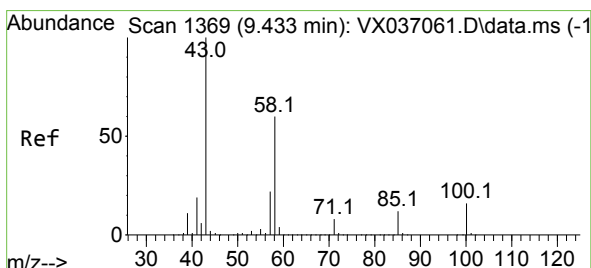
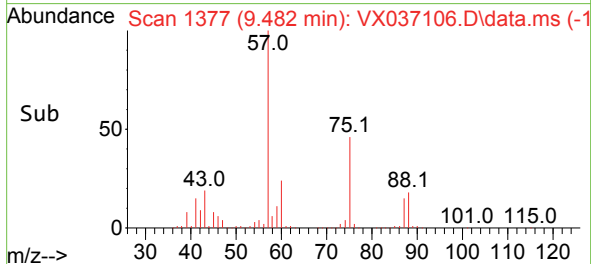
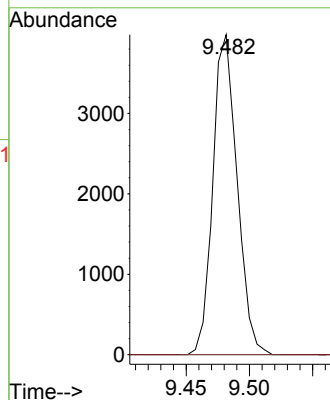
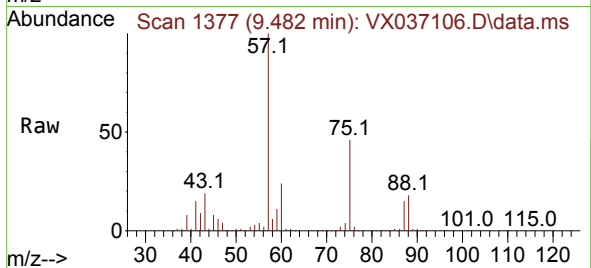
ClientSampleId :

Tgt Ion: 76 Resp: 5300

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 34.560 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.048 min

Lab File: VX037106.D

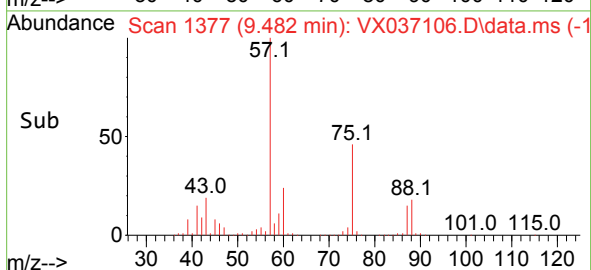
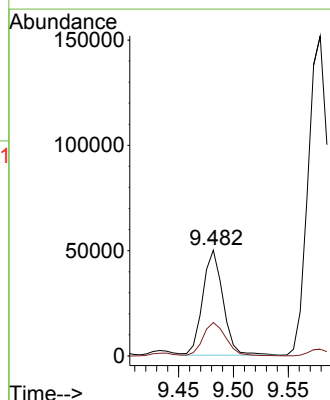
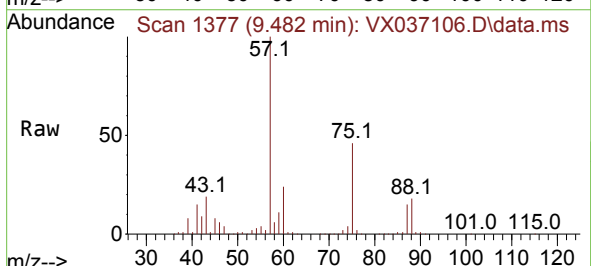
Acq: 19 Aug 2023 04:02

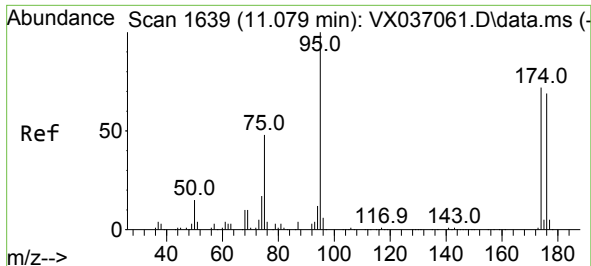
Tgt Ion: 43 Resp: 64403

Ion Ratio Lower Upper

43 100

58 36.1 26.2 78.5





#62

4-Bromofluorobenzene

Concen: 52.765 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037106.D

Acq: 19 Aug 2023 04:02

Instrument :

MSVOA\_X

ClientSampleId :

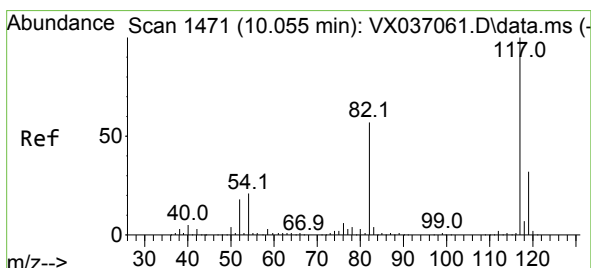
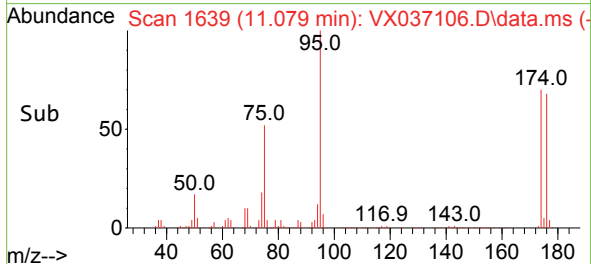
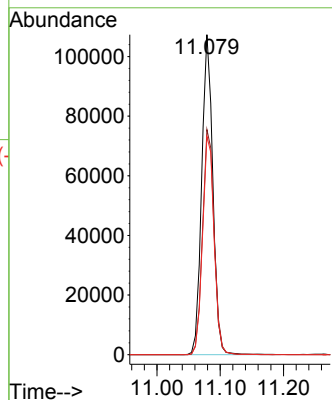
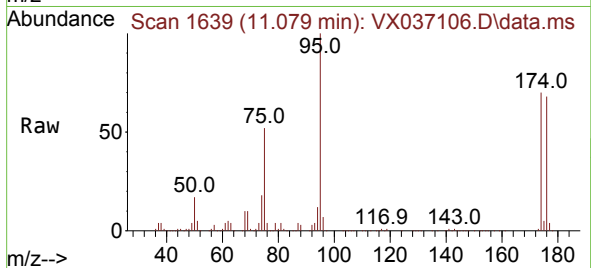
Tgt Ion: 95 Resp: 131392

Ion Ratio Lower Upper

95 100

174 73.5 0.0 135.6

176 70.7 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX037106.D

Acq: 19 Aug 2023 04:02

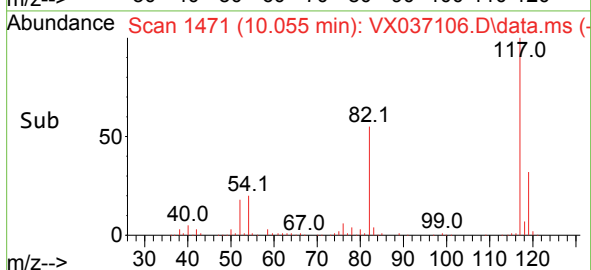
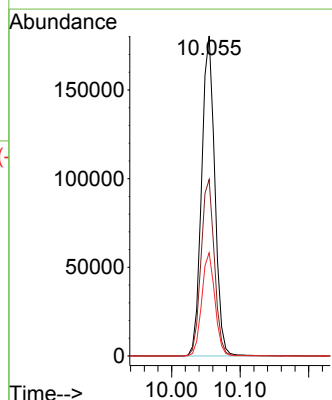
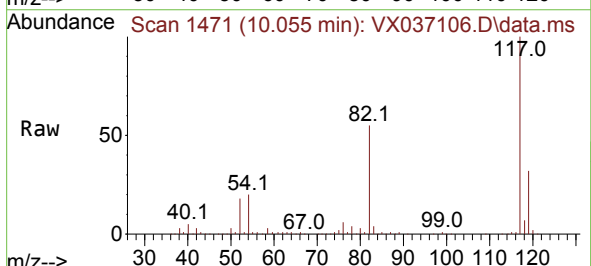
Tgt Ion: 117 Resp: 242101

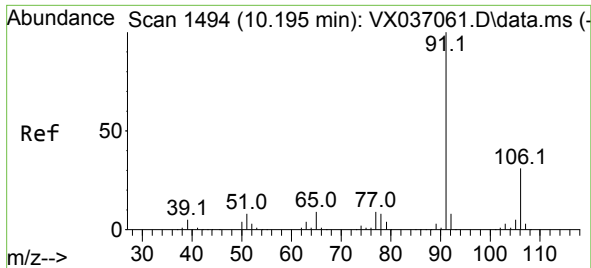
Ion Ratio Lower Upper

117 100

82 55.2 46.2 69.4

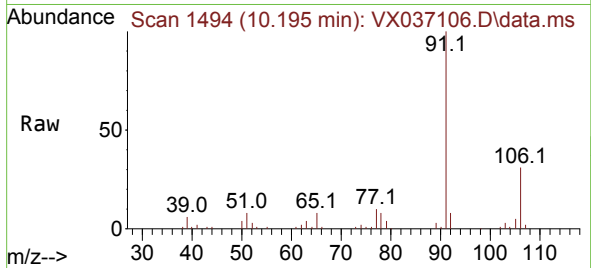
119 32.2 25.5 38.3



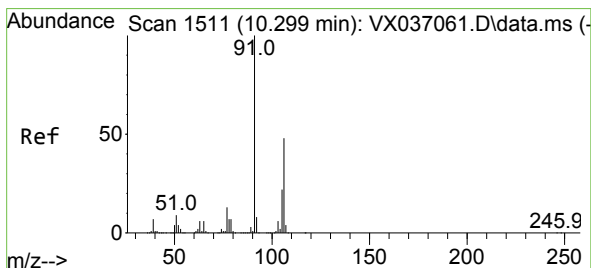
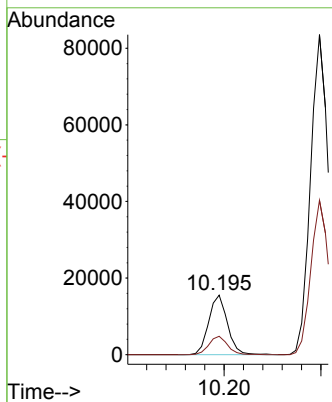
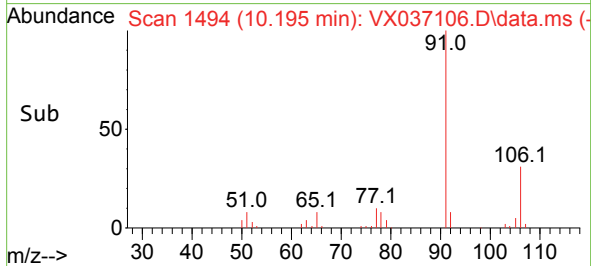


#67  
Ethyl Benzene  
Concen: 2.320 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

Instrument :  
MSVOA\_X  
ClientSampleId :

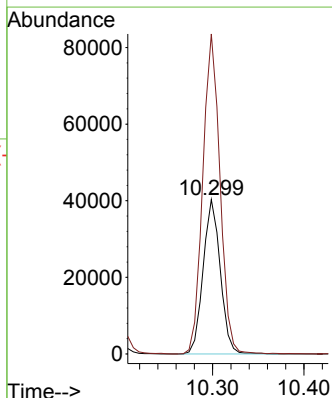
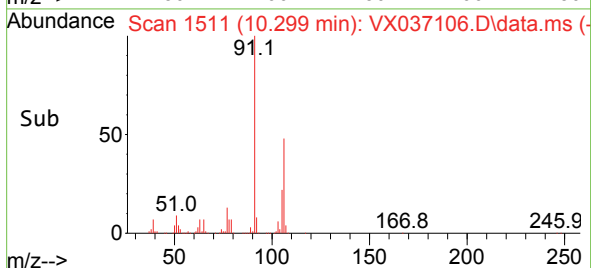
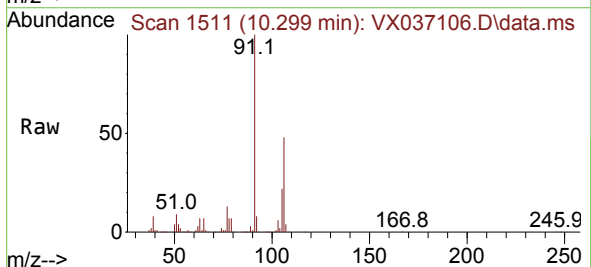


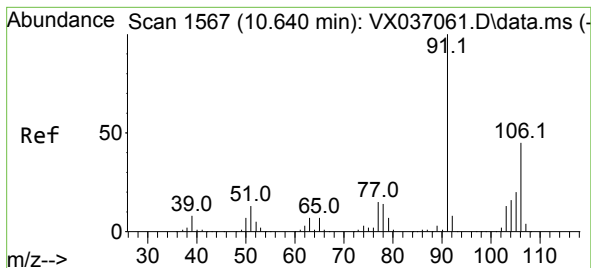
Tgt Ion: 91 Resp: 20890  
Ion Ratio Lower Upper  
91 100  
106 31.0 24.9 37.3



#68  
m/p-Xylenes  
Concen: 15.061 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

Tgt Ion: 106 Resp: 52368  
Ion Ratio Lower Upper  
106 100  
91 208.5 165.5 248.3





#69

o-Xylene

Concen: 9.408 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX037106.D

Acq: 19 Aug 2023 04:02

Instrument :

MSVOA\_X

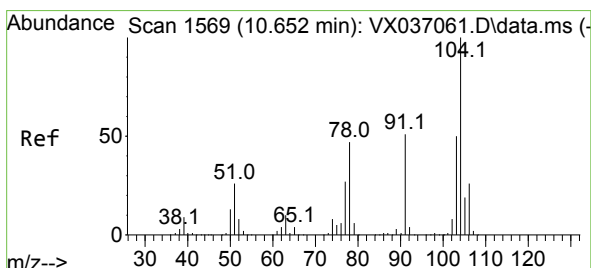
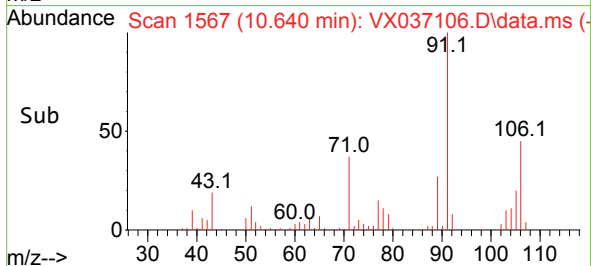
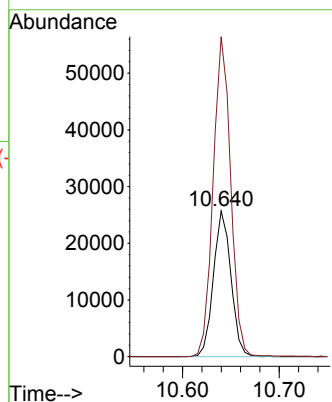
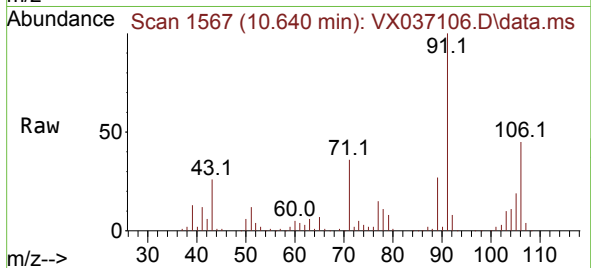
ClientSampleId :

Tgt Ion:106 Resp: 32275

Ion Ratio Lower Upper

106 100

91 221.3 108.9 326.8



#70

Styrene

Concen: 6.303 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX037106.D

Acq: 19 Aug 2023 04:02

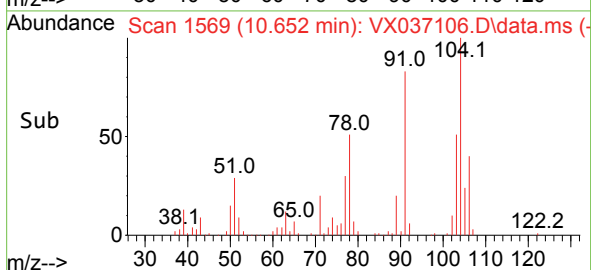
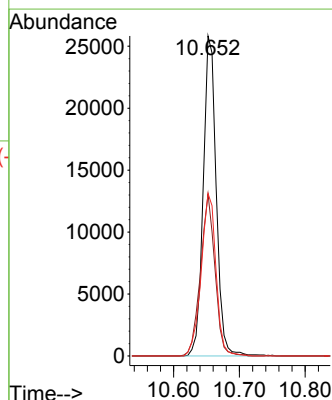
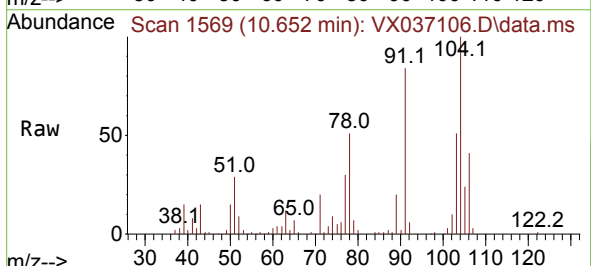
Tgt Ion:104 Resp: 35619

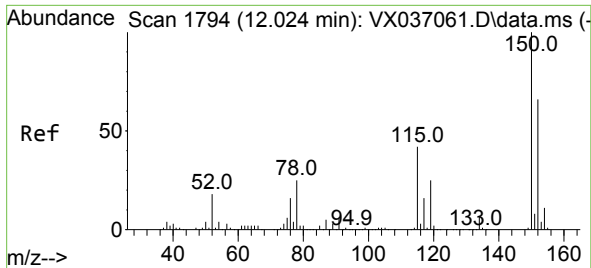
Ion Ratio Lower Upper

104 100

78 56.0 43.6 65.4

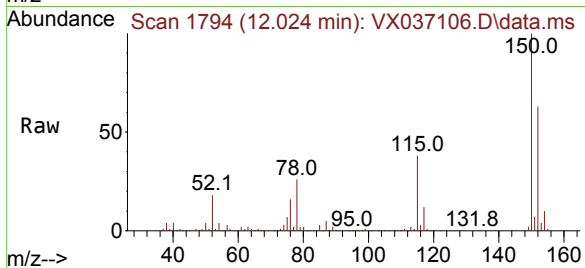
103 57.6 43.6 65.4



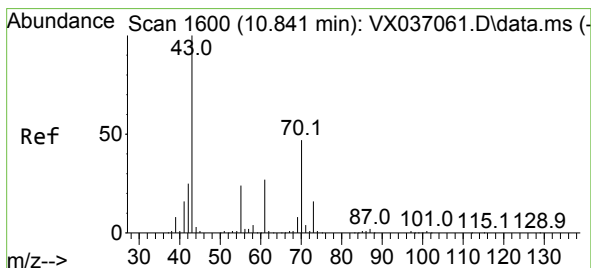
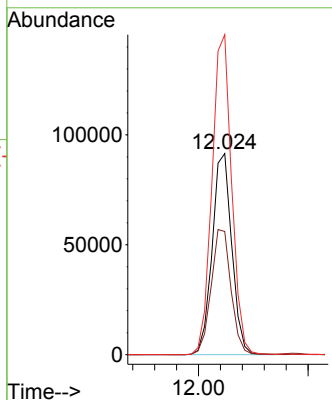
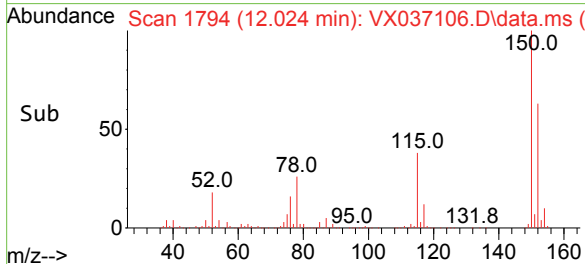


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1  
 Delta R.T. -0.000 min  
 Lab File: VX037106.D  
 Acq: 19 Aug 2023 04:02

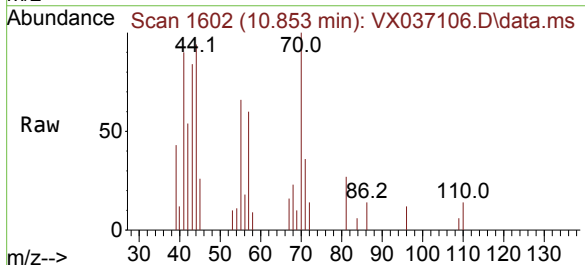
Instrument :  
 MSVOA\_X  
 ClientSampleId :



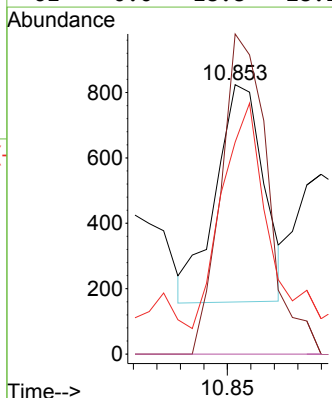
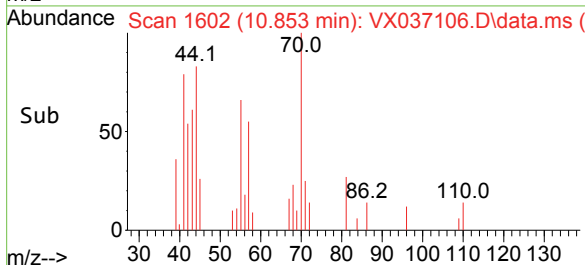
Tgt Ion:152 Resp: 113890  
 Ion Ratio Lower Upper  
 152 100  
 115 63.1 43.3 129.9  
 150 159.4 0.0 345.0

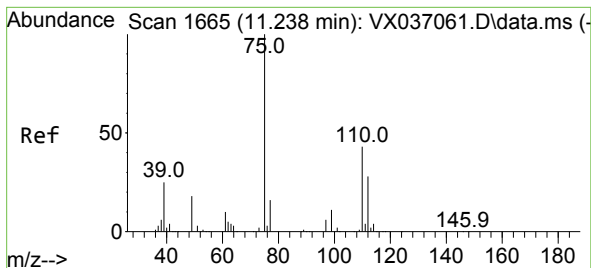


#74  
 N-ethyl acetate  
 Concen: 0.293 ug/l  
 RT: 10.853 min Scan# 1602  
 Delta R.T. 0.012 min  
 Lab File: VX037106.D  
 Acq: 19 Aug 2023 04:02



Tgt Ion: 43 Resp: 944  
 Ion Ratio Lower Upper  
 43 100  
 70 143.5 32.9 49.3#  
 55 142.6 19.3 28.9#  
 61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 27.907 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX037106.D

Acq: 19 Aug 2023 04:02

Instrument :

MSVOA\_X

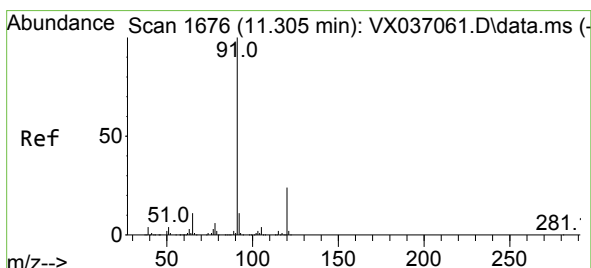
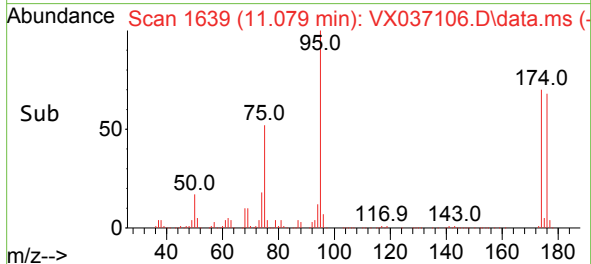
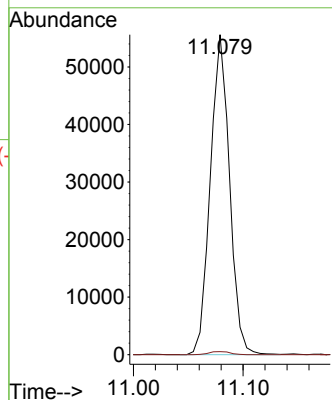
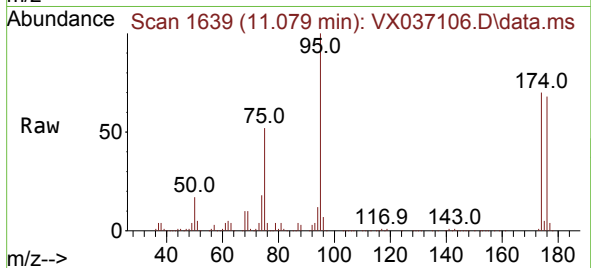
ClientSampleId :

Tgt Ion: 75 Resp: 67687

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#78

n-propylbenzene

Concen: 0.249 ug/l

RT: 11.304 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037106.D

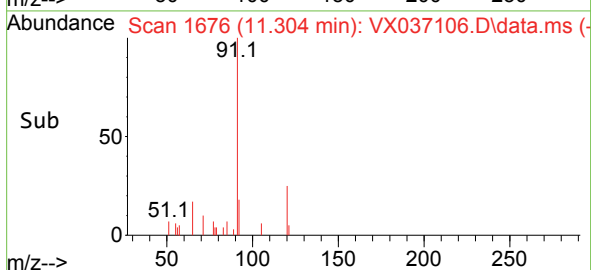
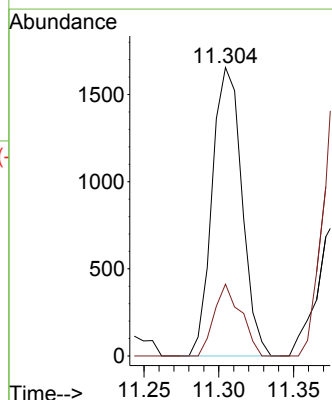
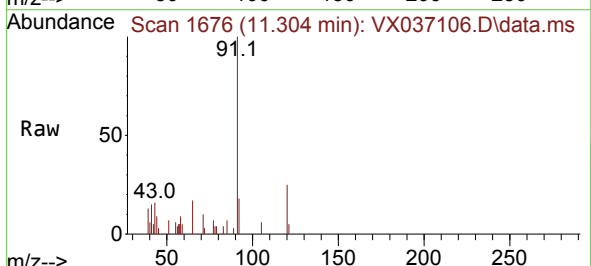
Acq: 19 Aug 2023 04:02

Tgt Ion: 91 Resp: 2293

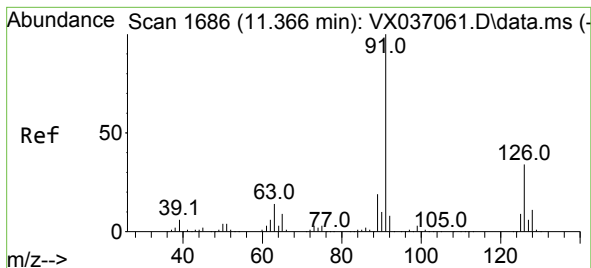
Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4







#79

2-Chlorotoluene

Concen: 0.266 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX037106.D

Acq: 19 Aug 2023 04:02

Instrument :

MSVOA\_X

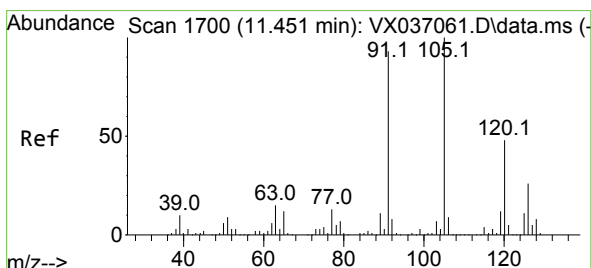
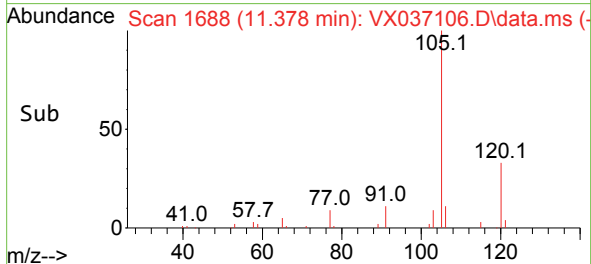
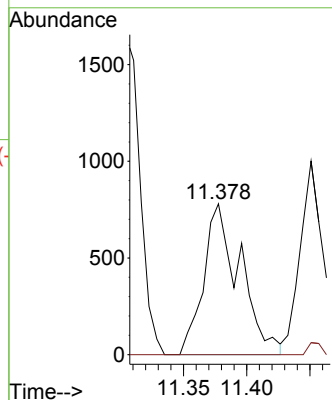
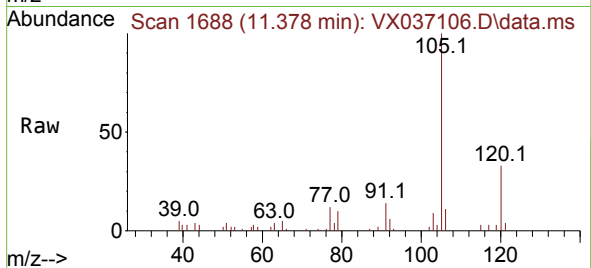
ClientSampleId :

Tgt Ion: 91 Resp: 1565

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 1.401 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037106.D

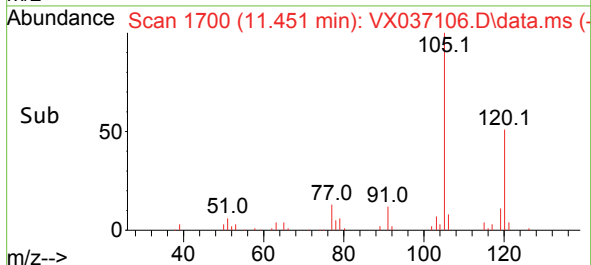
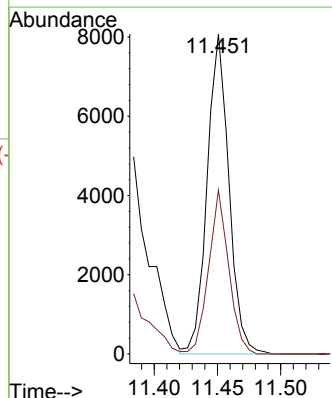
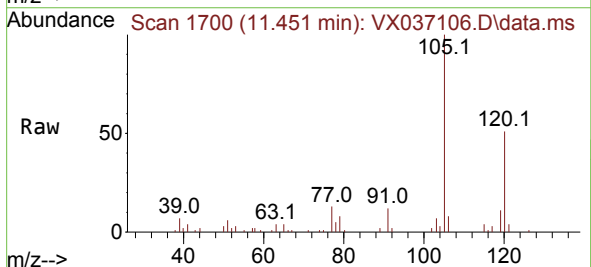
Acq: 19 Aug 2023 04:02

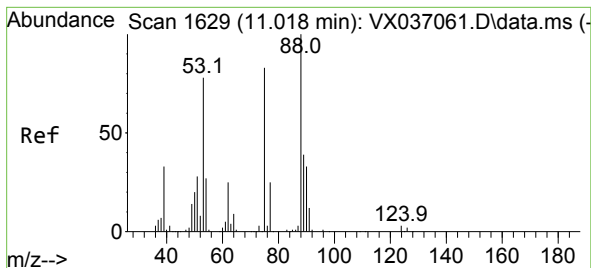
Tgt Ion:105 Resp: 9673

Ion Ratio Lower Upper

105 100

120 47.4 24.1 72.3

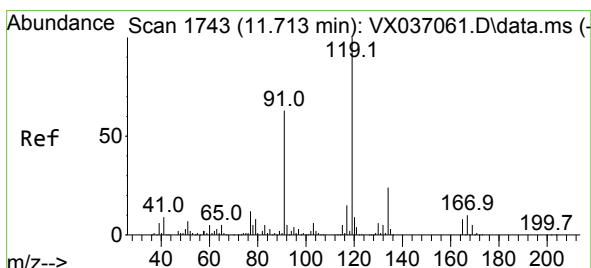
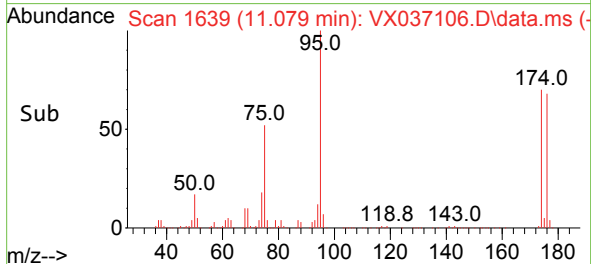
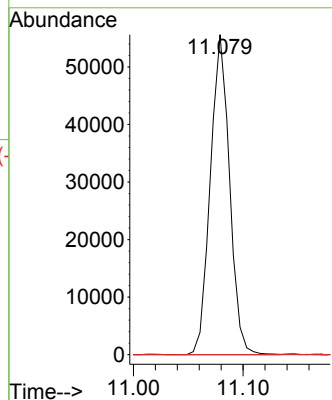
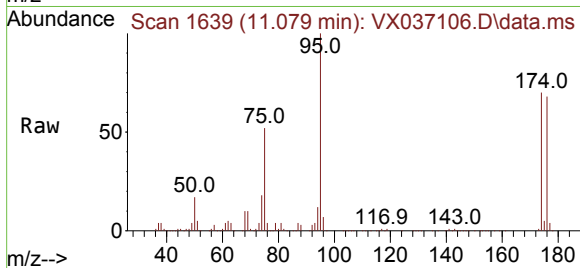




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 77.945 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. 0.061 min  
 Lab File: VX037106.D  
 Acq: 19 Aug 2023 04:02

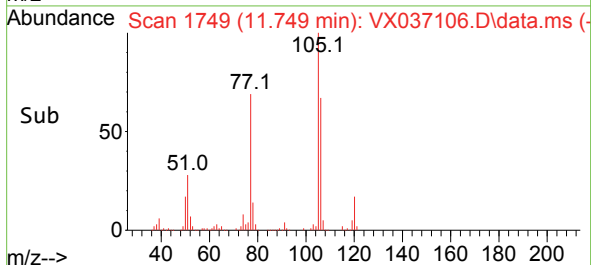
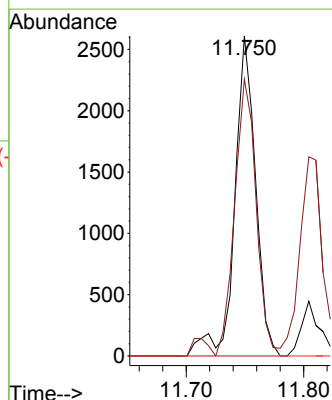
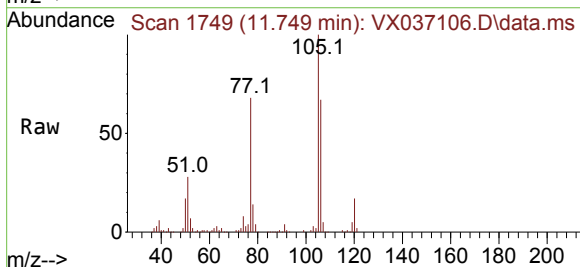
Instrument :  
 MSVOA\_X  
 ClientSampleId :

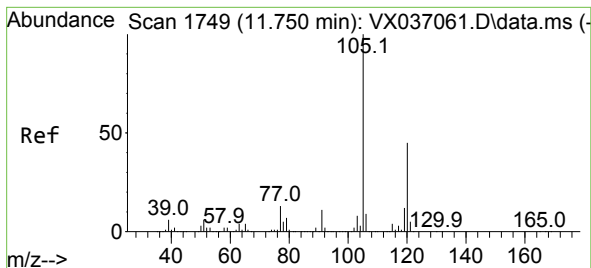
Tgt Ion: 75 Resp: 67687  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 90.5 135.7#  
 89 0.0 36.9 55.3#



#83  
 tert-Butylbenzene  
 Concen: 0.489 ug/l  
 RT: 11.749 min Scan# 1749  
 Delta R.T. 0.036 min  
 Lab File: VX037106.D  
 Acq: 19 Aug 2023 04:02

Tgt Ion: 119 Resp: 3221  
 Ion Ratio Lower Upper  
 119 100  
 91 89.3 31.2 93.6  
 134 0.0 11.7 35.0#





#84

1,2,4-Trimethylbenzene

Concen: 0.577 ug/l

RT: 11.615 min Scan# 1727

Delta R.T. -0.134 min

Lab File: VX037106.D

Acq: 19 Aug 2023 04:02

Instrument :

MSVOA\_X

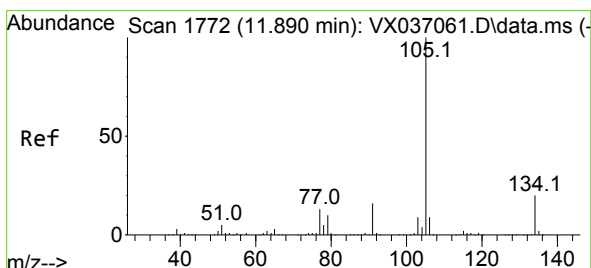
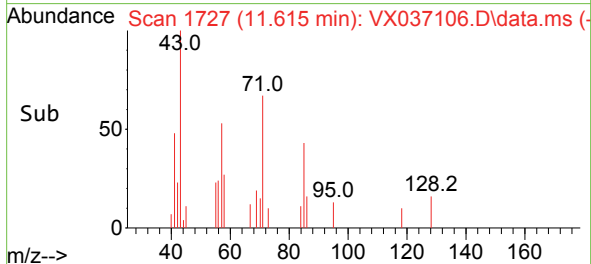
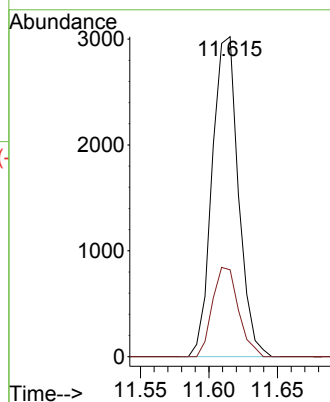
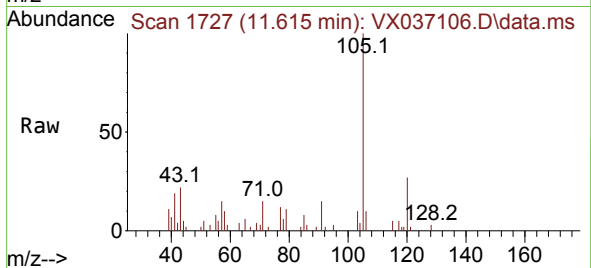
ClientSampleId :

Tgt Ion:105 Resp: 4027

Ion Ratio Lower Upper

105 100

120 27.7 21.2 63.6



#85

sec-Butylbenzene

Concen: 9.345 ug/l

RT: 11.749 min Scan# 1749

Delta R.T. -0.141 min

Lab File: VX037106.D

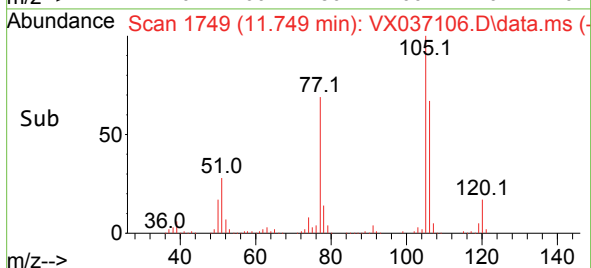
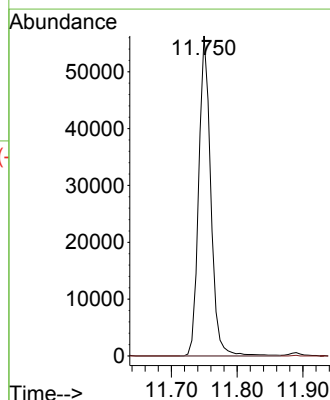
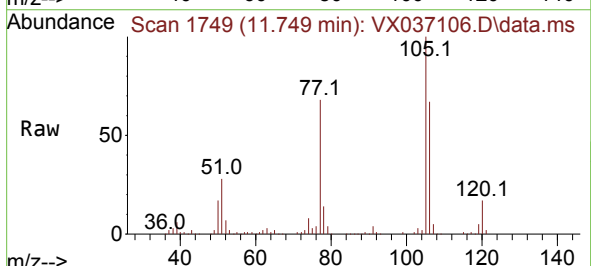
Acq: 19 Aug 2023 04:02

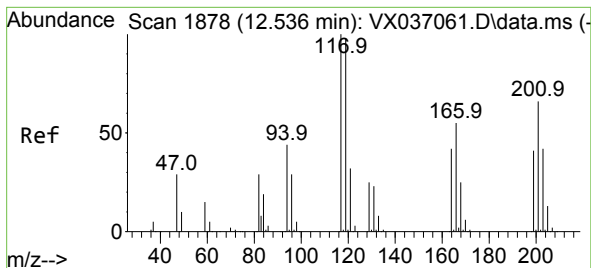
Tgt Ion:105 Resp: 71884

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#





#90

Hexachloroethane

Concen: 26.044 ug/l

RT: 12.408 min Scan# 11

Delta R.T. -0.128 min

Lab File: VX037106.D

Acq: 19 Aug 2023 04:02

Instrument :

MSVOA\_X

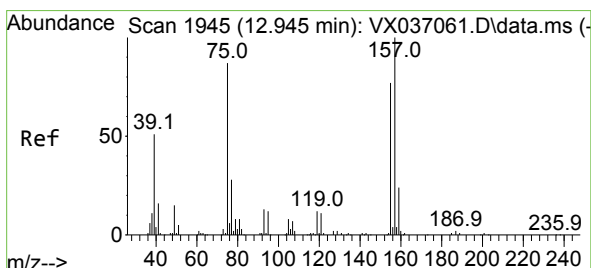
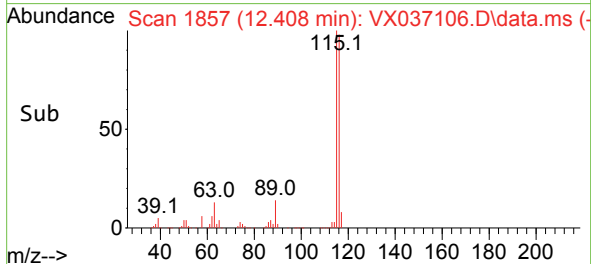
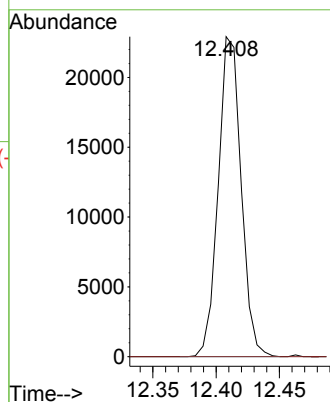
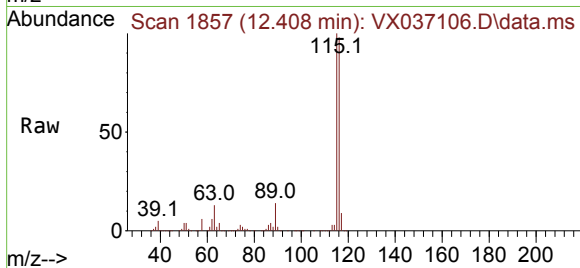
ClientSampleId :

Tgt Ion:117 Resp: 28785

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.334 ug/l

RT: 12.963 min Scan# 1948

Delta R.T. 0.018 min

Lab File: VX037106.D

Acq: 19 Aug 2023 04:02

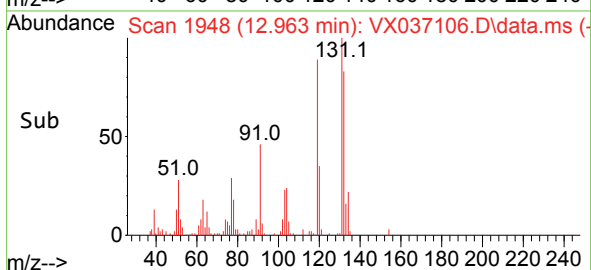
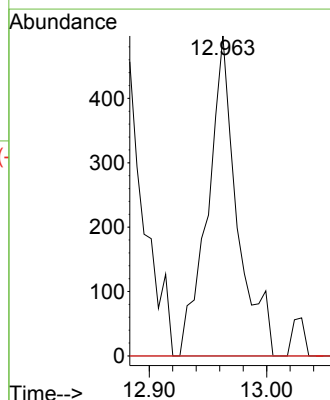
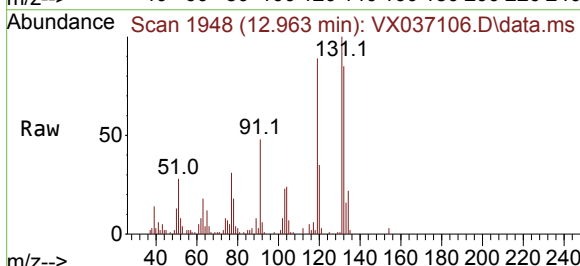
Tgt Ion: 75 Resp: 864

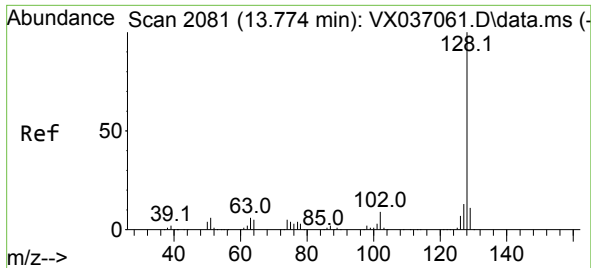
Ion Ratio Lower Upper

75 100

155 0.0 36.1 108.5#

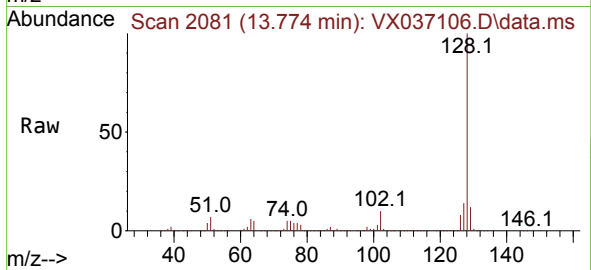
157 0.0 44.9 134.7#





#95  
Naphthalene  
Concen: 265.569 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX037106.D  
Acq: 19 Aug 2023 04:02

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 2522879  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.3 15.5  
129 11.5 8.8 13.2

