

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX033123\  
 Data File : VX034866.D  
 Acq On : 31 Mar 2023 10:23  
 Operator : JC/MD  
 Sample : VX0331WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0331WBS01

Quant Time: Apr 01 05:31:08 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X032823W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Mar 28 09:11:00 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Bromochloromethane        | 4.898  | 128   | 24355    | 30.000   | ug/l       | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.757  | 114   | 168005   | 30.000   | ug/l       | 0.00     |
| 57) Chlorobenzene-d5         | 10.055 | 117   | 182655   | 30.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 27) 1,2-Dichloroethane-d4    | 5.952  | 65    | 72970    | 31.182   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | = 103.933% |          |
| 60) 4-Bromofluorobenzene     | 11.079 | 95    | 105167   | 28.815   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | = 96.033%  |          |
| 63) Toluene-d8               | 8.647  | 98    | 188189   | 30.318   | ug/l       | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | = 101.067% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.167  | 85    | 50489    | 21.857   | ug/l       | 100      |
| 3) Chloromethane             | 1.295  | 50    | 61566    | 20.555   | ug/l       | 97       |
| 4) Vinyl Chloride            | 1.374  | 62    | 60093    | 20.335   | ug/l       | 98       |
| 5) Bromomethane              | 1.618  | 94    | 41136    | 21.163   | ug/l       | 97       |
| 6) Chloroethane              | 1.691  | 64    | 40005    | 20.802   | ug/l       | 98       |
| 7) Trichlorofluoromethane    | 1.892  | 101   | 100132   | 21.272   | ug/l       | 99       |
| 8) Diethyl Ether             | 2.130  | 74    | 35728    | 21.083   | ug/l       | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 50442    | 21.122   | ug/l       | 98       |
| 10) 1,1-Dichloroethene       | 2.319  | 96    | 48930    | 20.240   | ug/l       | 98       |
| 11) Methyl Iodide            | 2.453  | 142   | 61555    | 19.995   | ug/l       | 97       |
| 12) Methyl Acetate           | 2.703  | 43    | 110312   | 20.605   | ug/l       | 99       |
| 13) Acrolein                 | 2.240  | 56    | 68103    | 109.699  | ug/l       | 98       |
| 14) Acrylonitrile            | 3.063  | 53    | 149512   | 101.420  | ug/l       | 98       |
| 15) Acetone                  | 2.392  | 58    | 48683    | 121.641  | ug/l       | 97       |
| 16) Carbon Disulfide         | 2.514  | 76    | 112466   | 18.188   | ug/l       | 98       |
| 17) Allyl chloride           | 2.666  | 41    | 93550    | 19.998   | ug/l       | 99       |
| 18) Methylene Chloride       | 2.788  | 84    | 58035    | 20.379   | ug/l       | 98       |
| 19) trans-1,2-Dichloroethene | 3.093  | 96    | 52977    | 20.027   | ug/l       | 94       |
| 20) Diisopropyl ether        | 3.758  | 45    | 200488   | 20.919   | ug/l       | 97       |
| 21) 1,1-Dichloroethane       | 3.611  | 63    | 103745   | 20.245   | ug/l       | 99       |
| 22) cis-1,2-Dichloroethene   | 4.489  | 96    | 62932    | 20.426   | ug/l       | 100      |
| 23) tert-Butyl Alcohol       | 3.002  | 59    | 59562    | 89.799   | ug/l #     | 100      |
| 24) Methyl tert-Butyl Ether  | 3.111  | 73    | 183024   | 20.374   | ug/l       | 97       |
| 25) Chloroform               | 5.093  | 83    | 105999   | 20.336   | ug/l       | 98       |
| 26) Cyclohexane              | 5.471  | 56    | 90112    | 20.066   | ug/l #     | 98       |
| 29) 1,1-Dichloropropene      | 5.690  | 75    | 76507    | 19.799   | ug/l       | 99       |
| 30) 2-Butanone               | 4.562  | 43    | 234186   | 108.674  | ug/l       | 100      |
| 31) 2,2-Dichloropropane      | 4.471  | 77    | 81397    | 20.771   | ug/l       | 100      |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 88387    | 19.498   | ug/l       | 99       |
| 33) Carbon Tetrachloride     | 5.678  | 117   | 72314    | 19.329   | ug/l       | 98       |
| 34) Benzene                  | 6.038  | 78    | 226708   | 20.189   | ug/l       | 100      |
| 35) Methacrylonitrile        | 4.916  | 41    | 48158    | 20.418   | ug/l       | 99       |
| 36) 1,2-Dichloroethane       | 6.086  | 62    | 91414    | 20.763   | ug/l       | 100      |
| 37) Trichloroethene          | 7.123  | 130   | 56544    | 19.786   | ug/l       | 93       |
| 38) Methylcyclohexane        | 7.379  | 83    | 80739    | 19.125   | ug/l       | 97       |
| 39) 1,2-Dichloropropane      | 7.428  | 63    | 59551    | 20.402   | ug/l       | 99       |
| 40) Dibromomethane           | 7.580  | 93    | 41357    | 20.626   | ug/l       | 98       |
| 41) Bromodichloromethane     | 7.818  | 83    | 74751    | 19.792   | ug/l       | 99       |
| 42) Vinyl Acetate            | 3.721  | 43    | 734002   | 104.406  | ug/l       | 99       |

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 Sample : VX0331WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

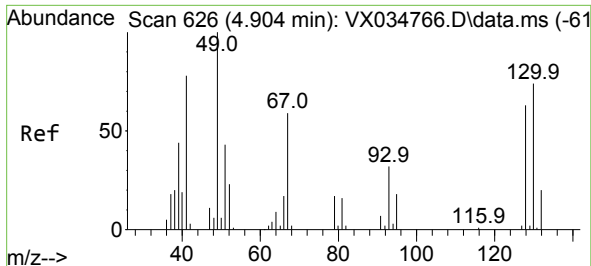
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0331WBS01

Quant Time: Apr 01 05:31:08 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X032823W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Mar 28 09:11:00 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 43) Ethyl Acetate             | 4.709  | 43   | 86711    | 20.747  | ug/l  | 98       |
| 44) Isopropyl Acetate         | 6.336  | 43   | 141122   | 19.947  | ug/l  | 98       |
| 45) 1,4-Dioxane               | 7.708  | 88   | 28671    | 409.036 | ug/l  | 96       |
| 46) Methyl methacrylate       | 7.690  | 41   | 68896    | 19.986  | ug/l  | 97       |
| 47) n-amyl Acetate            | 10.842 | 43   | 121299   | 19.720  | ug/l  | 99       |
| 48) t-1,3-Dichloropropene     | 8.976  | 75   | 78301    | 19.028  | ug/l  | 99       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 88494    | 19.574  | ug/l  | 94       |
| 50) 1,1,2-Trichloroethane     | 9.147  | 97   | 57584    | 20.614  | ug/l  | 97       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 89643    | 19.772  | ug/l  | 97       |
| 52) 1,3-Dichloropropane       | 9.305  | 76   | 103188   | 20.912  | ug/l  | 99       |
| 53) Dibromochloromethane      | 9.519  | 129  | 53017    | 19.185  | ug/l  | 100      |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 59935    | 20.059  | ug/l  | 100      |
| 55) 2-Chloroethyl vinyl ether | 8.238  | 63   | 239997   | 100.591 | ug/l  | 99       |
| 56) Bromoform                 | 10.799 | 173  | 33859    | 17.770  | ug/l  | 99       |
| 58) 4-Methyl-2-Pentanone      | 8.574  | 43   | 439060   | 104.841 | ug/l  | 99       |
| 59) 2-Hexanone                | 9.427  | 43   | 339497   | 107.670 | ug/l  | 99       |
| 61) Tetrachloroethene         | 9.275  | 164  | 50426    | 20.489  | ug/l  | 97       |
| 62) Toluene                   | 8.714  | 91   | 244471   | 20.469  | ug/l  | 100      |
| 64) Chlorobenzene             | 10.080 | 112  | 150492   | 20.461  | ug/l  | 98       |
| 65) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 52905    | 20.121  | ug/l  | 99       |
| 66) Ethyl Benzene             | 10.195 | 91   | 271795   | 20.432  | ug/l  | 100      |
| 67) m/p-Xylenes               | 10.299 | 106  | 206446   | 40.788  | ug/l  | 99       |
| 68) o-Xylene                  | 10.640 | 106  | 101808   | 20.340  | ug/l  | 98       |
| 69) Styrene                   | 10.653 | 104  | 164521   | 19.938  | ug/l  | 100      |
| 70) Isopropylbenzene          | 10.964 | 105  | 259384   | 20.023  | ug/l  | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 86848    | 20.396  | ug/l  | 98       |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 92155    | 23.775  | ug/l  | 93       |
| 73) Bromobenzene              | 11.195 | 156  | 62474    | 20.081  | ug/l  | 97       |
| 74) n-propylbenzene           | 11.305 | 91   | 299727   | 19.876  | ug/l  | 99       |
| 75) 2-Chlorotoluene           | 11.366 | 91   | 188391   | 20.039  | ug/l  | 98       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 213140   | 19.545  | ug/l  | 100      |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 19808    | 16.640  | ug/l  | 88       |
| 78) 4-Chlorotoluene           | 11.451 | 91   | 211913   | 19.662  | ug/l  | 98       |
| 79) tert-butylbenzene         | 11.713 | 119  | 201980   | 19.403  | ug/l  | 99       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 214325   | 19.778  | ug/l  | 99       |
| 81) sec-Butylbenzene          | 11.890 | 105  | 244899   | 19.415  | ug/l  | 100      |
| 82) p-Isopropyltoluene        | 12.006 | 119  | 205763   | 19.331  | ug/l  | 99       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 116988   | 19.912  | ug/l  | 99       |
| 84) 1,4-Dichlorobenzene       | 12.043 | 146  | 118479   | 20.081  | ug/l  | 99       |
| 85) n-Butylbenzene            | 12.329 | 91   | 174949   | 19.071  | ug/l  | 99       |
| 86) Hexachloroethane          | 12.536 | 117  | 29854    | 17.124  | ug/l  | 99       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 115579   | 20.105  | ug/l  | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 17136    | 18.416  | ug/l  | 96       |
| 89) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 65951    | 19.124  | ug/l  | 99       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 25978    | 19.533  | ug/l  | 96       |
| 91) Naphthalene               | 13.774 | 128  | 236904   | 19.443  | ug/l  | 99       |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 65757    | 19.073  | ug/l  | 99       |

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

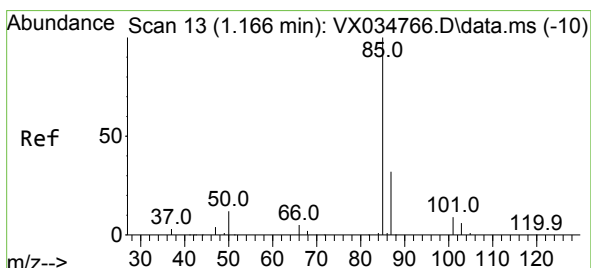
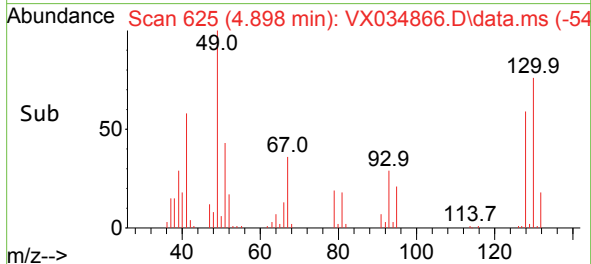
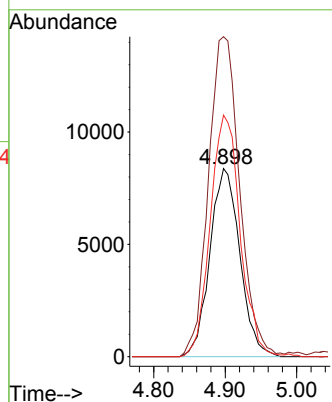
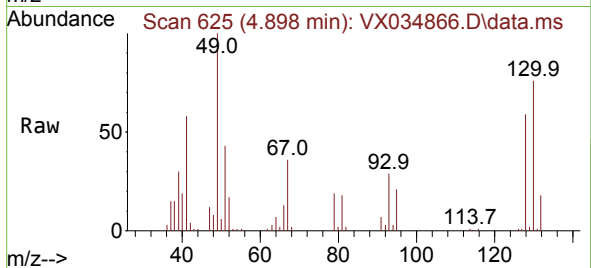




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.898 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

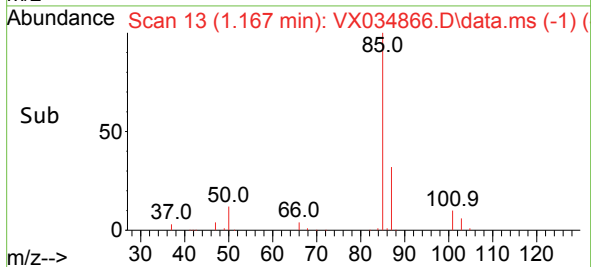
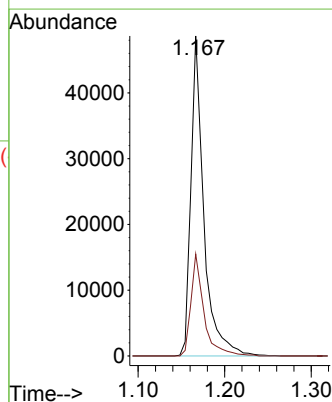
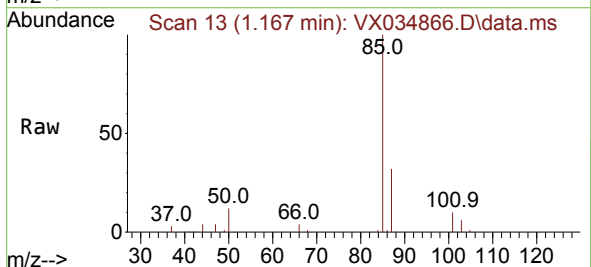
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

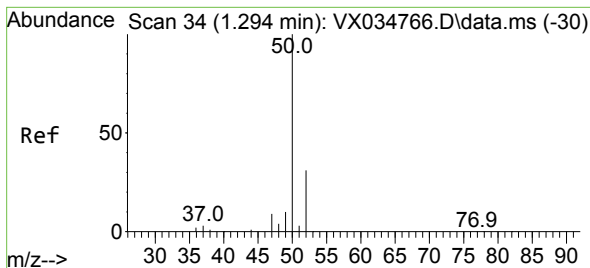
Tgt Ion:128 Resp: 24355  
Ion Ratio Lower Upper  
128 100  
49 177.6 0.0 428.8  
130 128.5 0.0 310.8



#2  
Dichlorodifluoromethane  
Concen: 21.857 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.001 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 85 Resp: 50489  
Ion Ratio Lower Upper  
85 100  
87 31.9 16.0 48.0





#3

Chloromethane

Concen: 20.555 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.001 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Instrument :

MSVOA\_X

ClientSampleId :

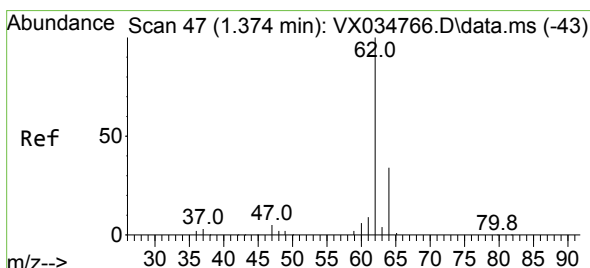
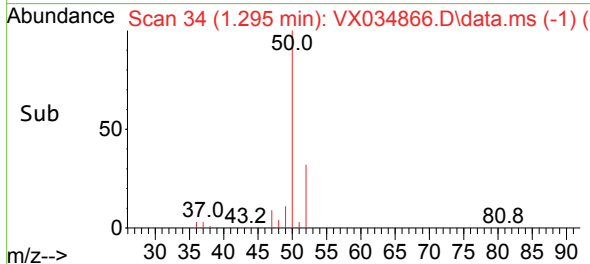
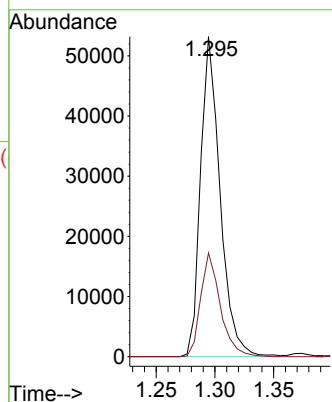
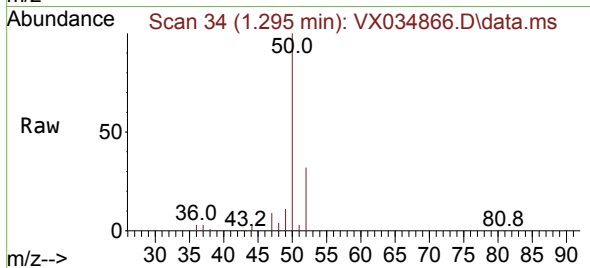
VX0331WBS01

Tgt Ion: 50 Resp: 61566

Ion Ratio Lower Upper

50 100

52 32.5 24.6 36.8



#4

Vinyl Chloride

Concen: 20.335 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX034866.D

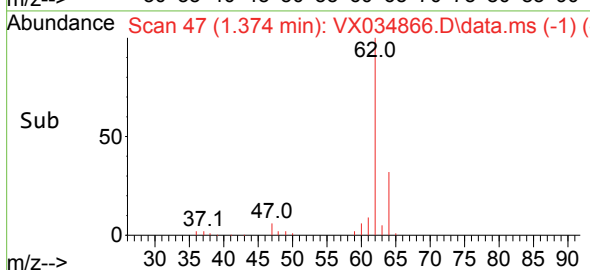
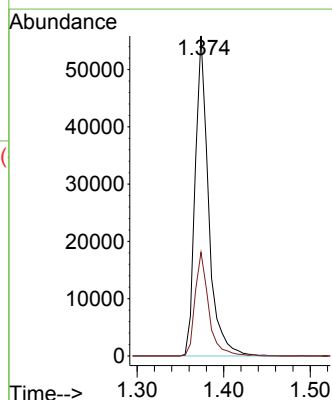
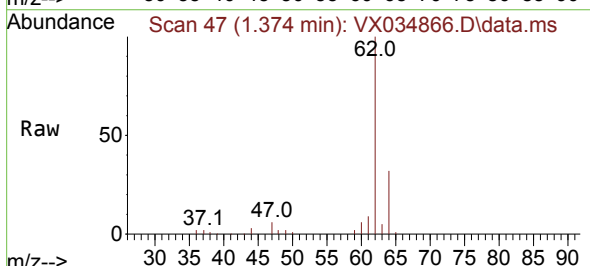
Acq: 31 Mar 2023 10:23

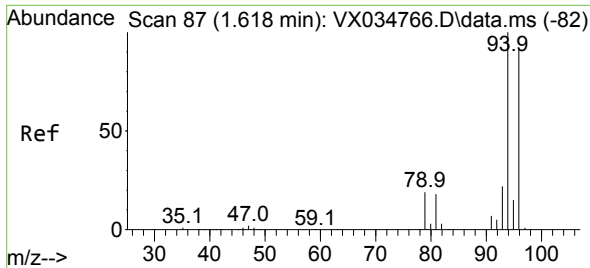
Tgt Ion: 62 Resp: 60093

Ion Ratio Lower Upper

62 100

64 32.4 26.9 40.3

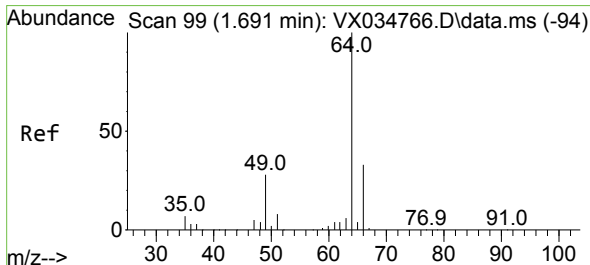
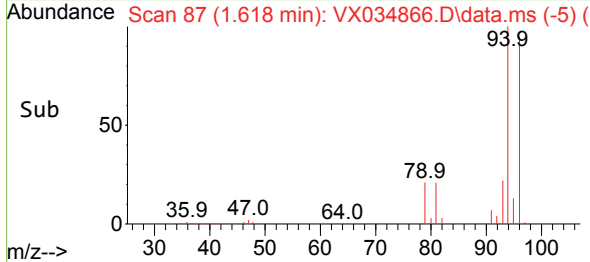
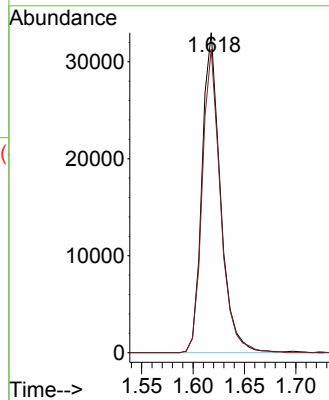
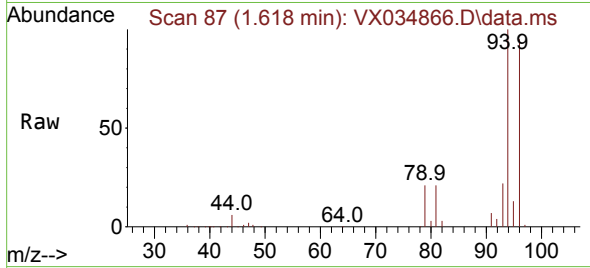




#5  
Bromomethane  
Concen: 21.163 ug/l  
RT: 1.618 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

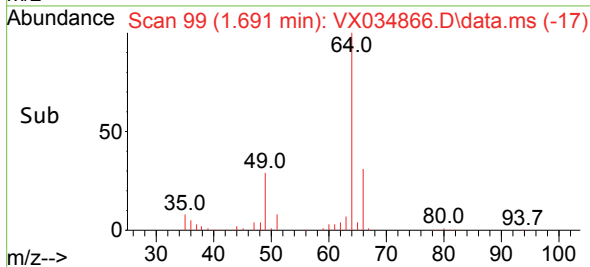
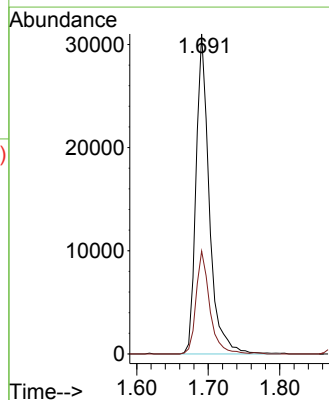
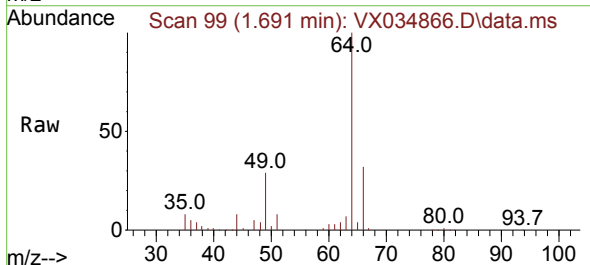
Instrument :  
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ClientSampleId :  
VX0331WBS01

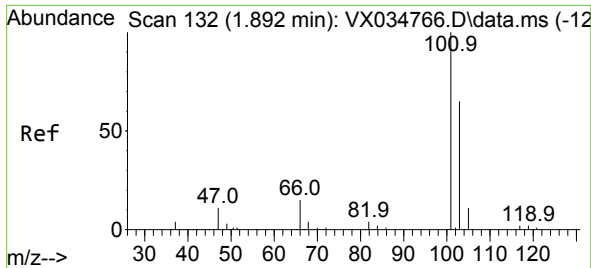
Tgt Ion: 94 Resp: 41136  
Ion Ratio Lower Upper  
94 100  
96 94.8 73.4 110.0



#6  
Chloroethane  
Concen: 20.802 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. -0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 64 Resp: 40005  
Ion Ratio Lower Upper  
64 100  
66 32.1 26.6 40.0

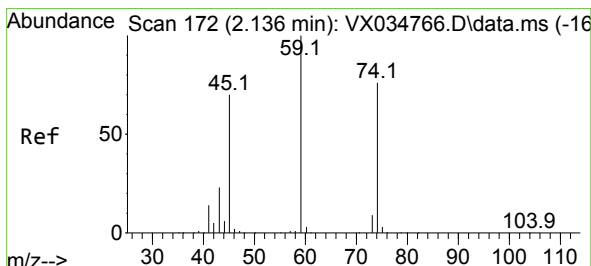
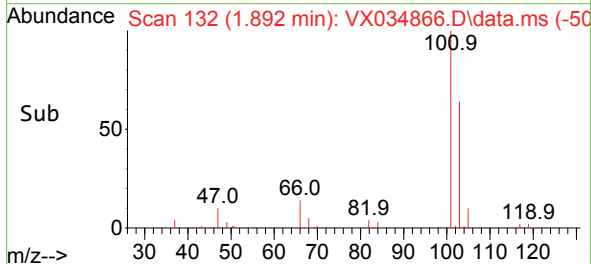
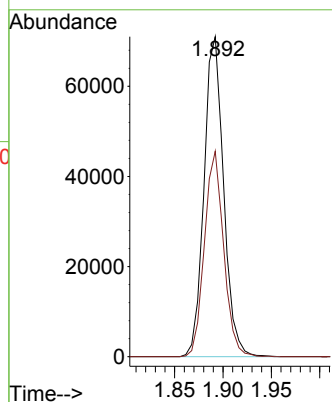
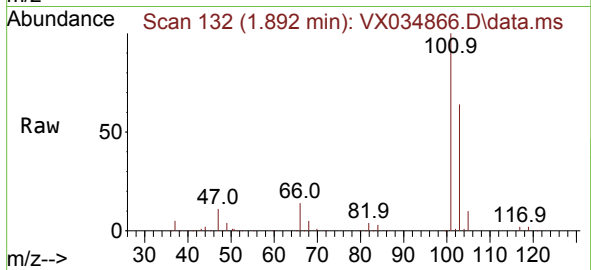




#7  
 Trichlorofluoromethane  
 Concen: 21.272 ug/l  
 RT: 1.892 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX034866.D  
 Acq: 31 Mar 2023 10:23

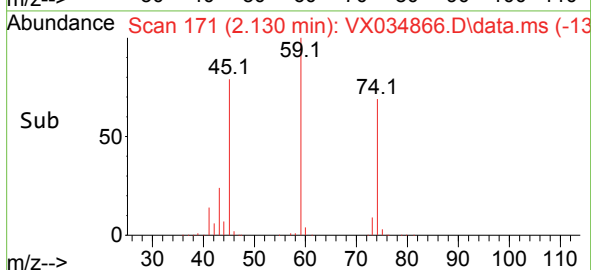
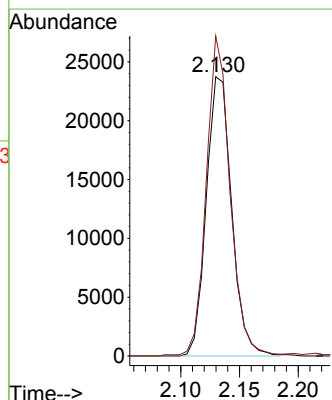
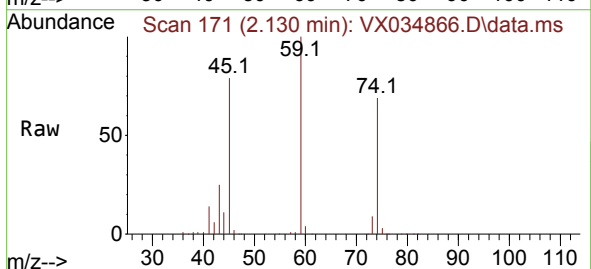
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0331WBS01

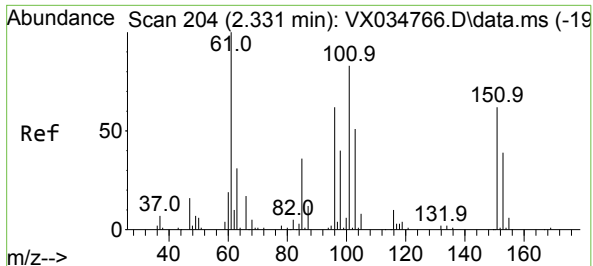
Tgt Ion:101 Resp: 100132  
 Ion Ratio Lower Upper  
 101 100  
 103 64.2 52.1 78.1



#8  
 Diethyl Ether  
 Concen: 21.083 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. -0.006 min  
 Lab File: VX034866.D  
 Acq: 31 Mar 2023 10:23

Tgt Ion: 74 Resp: 35728  
 Ion Ratio Lower Upper  
 74 100  
 45 107.1 20.5 184.5

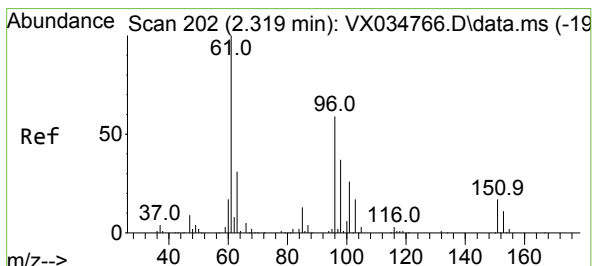
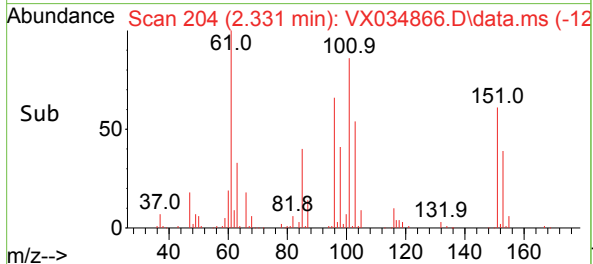
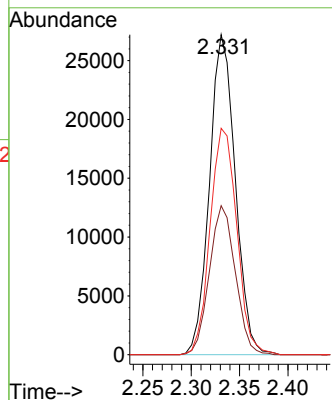
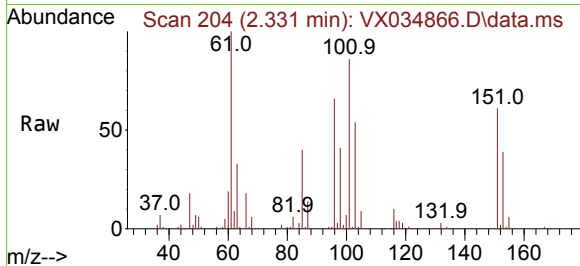




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.122 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

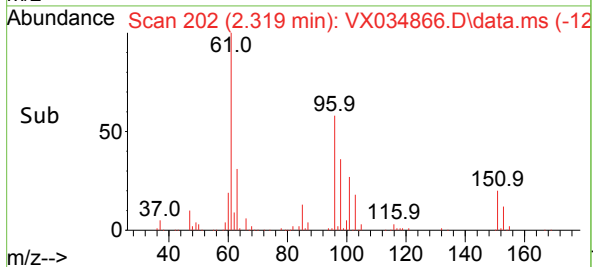
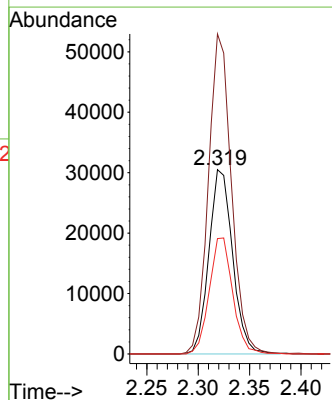
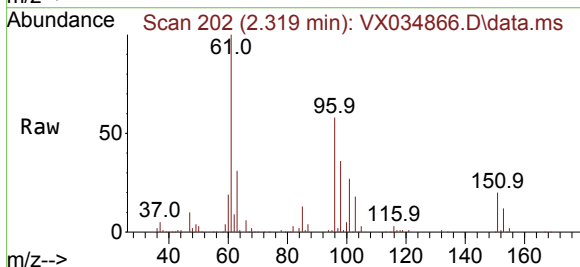
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

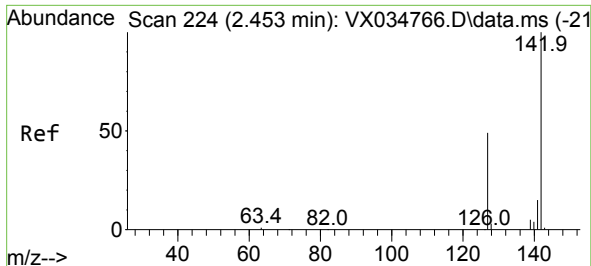
Tgt Ion:101 Resp: 50442  
Ion Ratio Lower Upper  
101 100  
85 46.9 0.0 88.8  
151 73.4 0.0 147.6



#10  
1,1-Dichloroethene  
Concen: 20.240 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

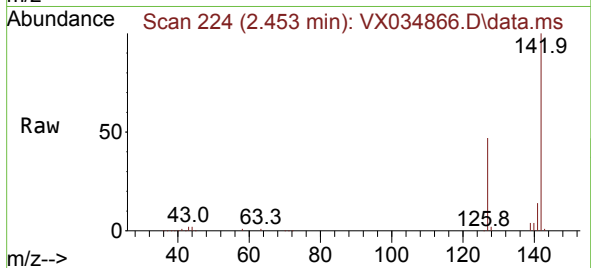
Tgt Ion: 96 Resp: 48930  
Ion Ratio Lower Upper  
96 100  
61 173.6 135.8 203.6  
98 62.6 49.8 74.6



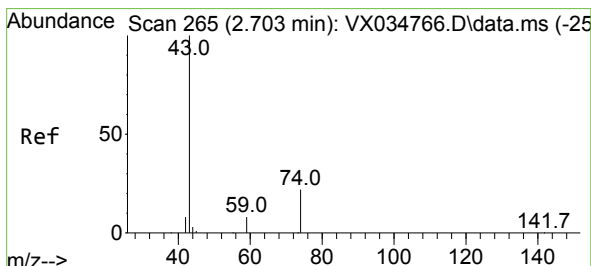
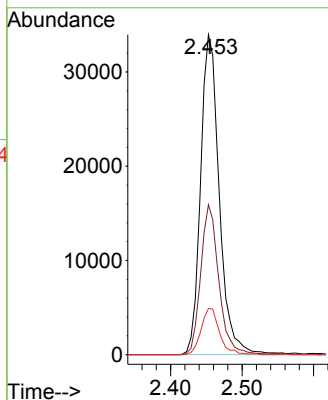
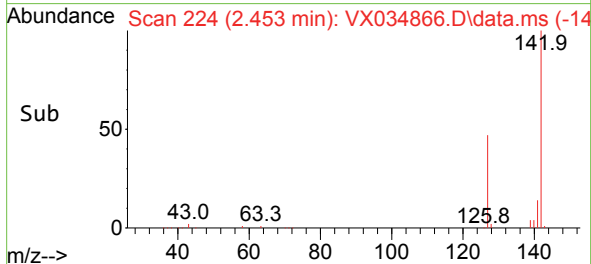


#11  
Methyl Iodide  
Concen: 19.995 ug/l  
RT: 2.453 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

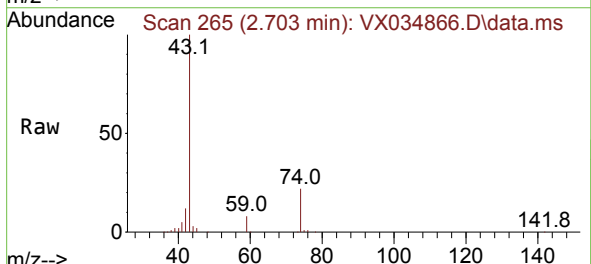
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01



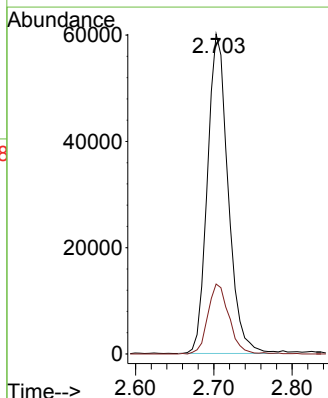
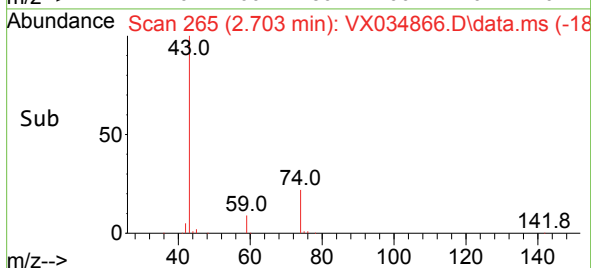
Tgt Ion:142 Resp: 61555  
Ion Ratio Lower Upper  
142 100  
127 46.8 24.5 73.5  
141 14.5 7.6 22.8

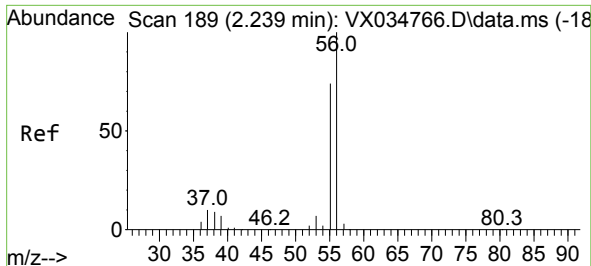


#12  
Methyl Acetate  
Concen: 20.605 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23



Tgt Ion: 43 Resp: 110312  
Ion Ratio Lower Upper  
43 100  
74 21.8 18.0 27.0

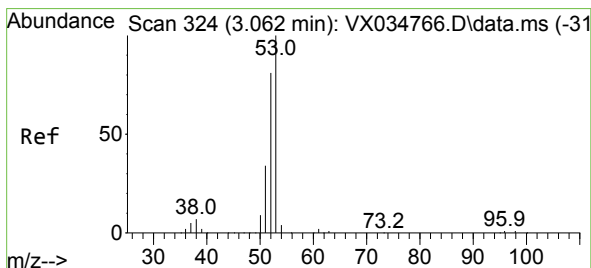
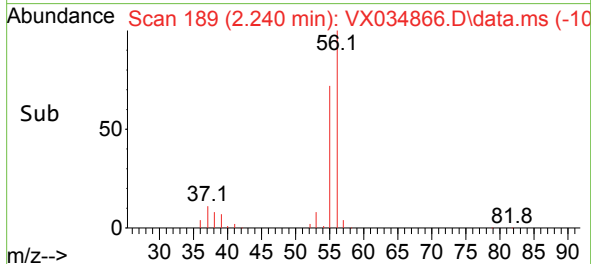
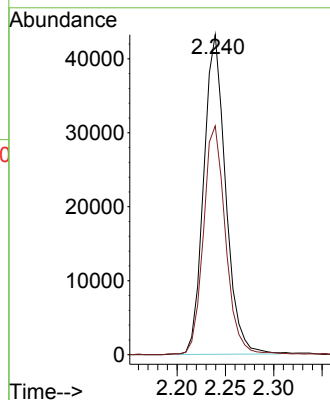
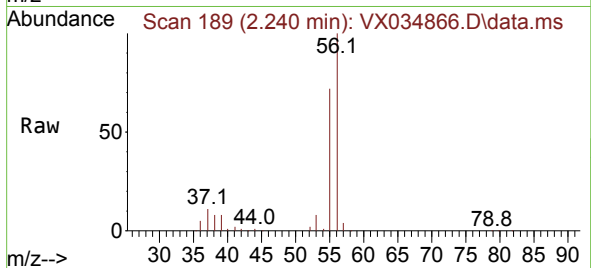




#13  
Acrolein  
Concen: 109.699 ug/l  
RT: 2.240 min Scan# 189  
Delta R.T. 0.001 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

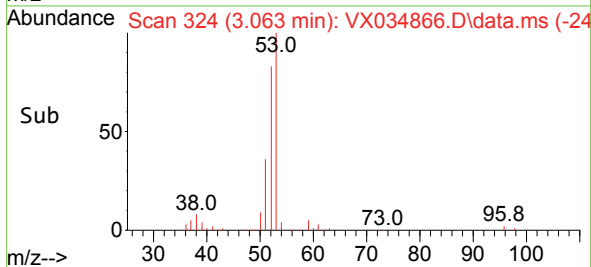
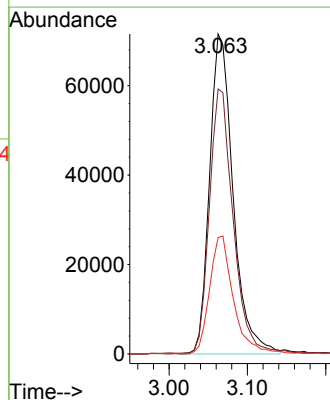
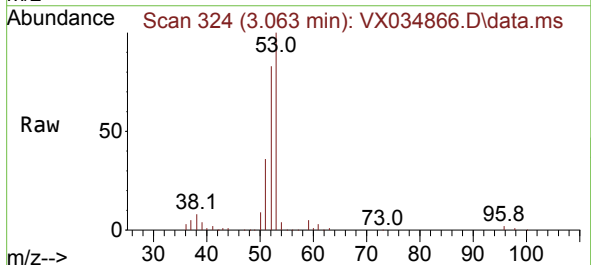
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

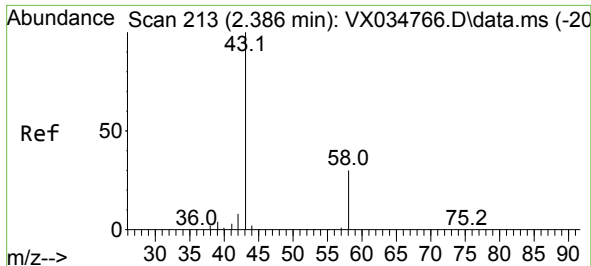
Tgt Ion: 56 Resp: 68103  
Ion Ratio Lower Upper  
56 100  
55 72.5 56.6 85.0



#14  
Acrylonitrile  
Concen: 101.420 ug/l  
RT: 3.063 min Scan# 324  
Delta R.T. 0.001 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 53 Resp: 149512  
Ion Ratio Lower Upper  
53 100  
52 83.6 41.3 123.7  
51 37.3 17.9 53.7

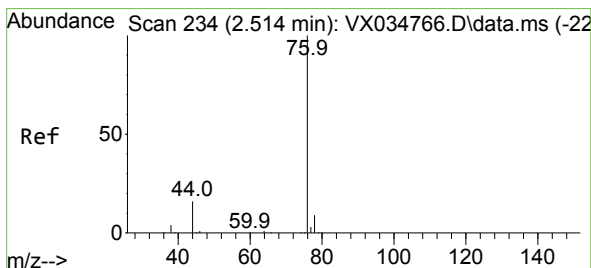
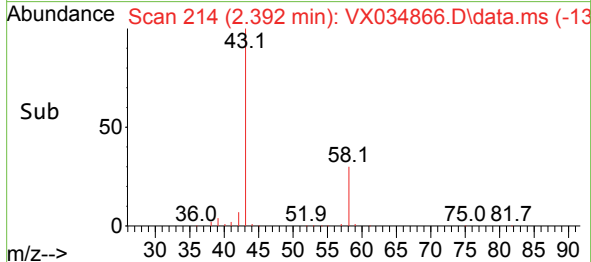
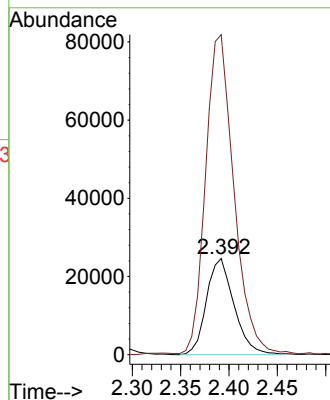
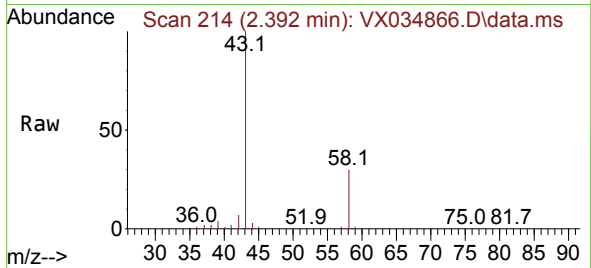




#15  
Acetone  
Concen: 121.641 ug/l  
RT: 2.392 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

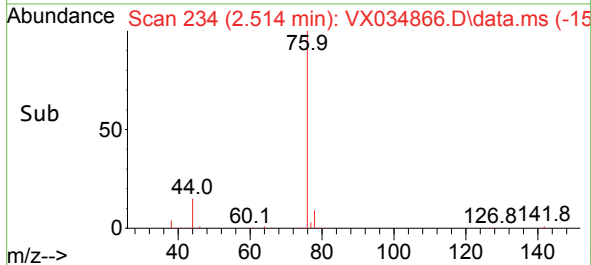
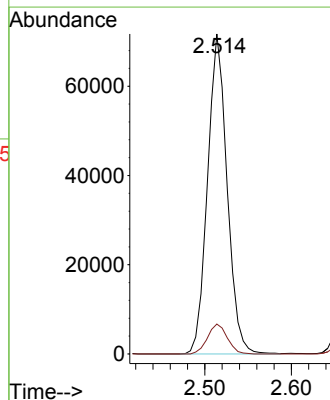
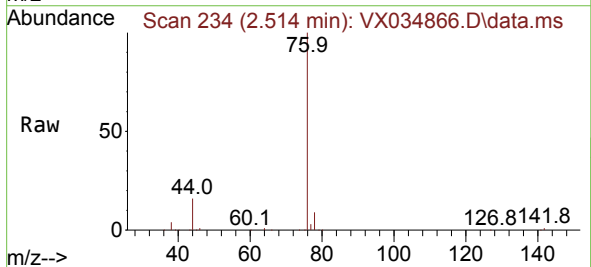
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

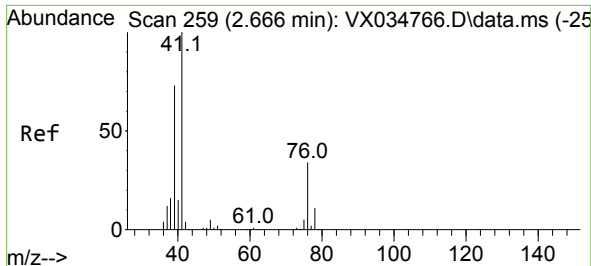
Tgt Ion: 58 Resp: 48683  
Ion Ratio Lower Upper  
58 100  
43 331.7 270.8 406.2



#16  
Carbon Disulfide  
Concen: 18.188 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 76 Resp: 112466  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.0 10.6





#17

Allyl chloride

Concen: 19.998 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Instrument :

MSVOA\_X

ClientSampleId :

VX0331WBS01

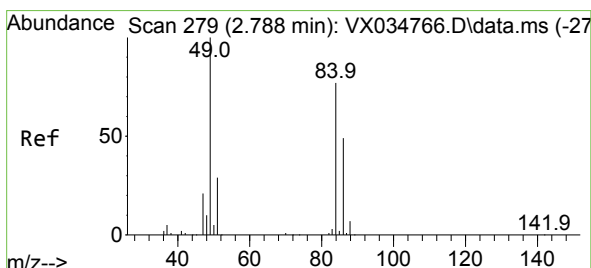
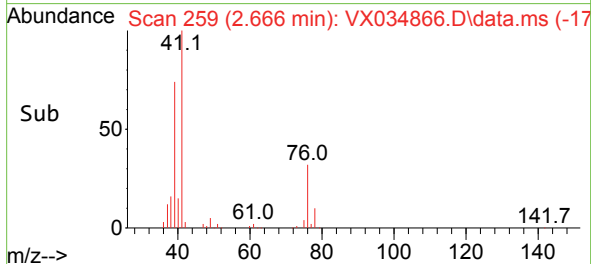
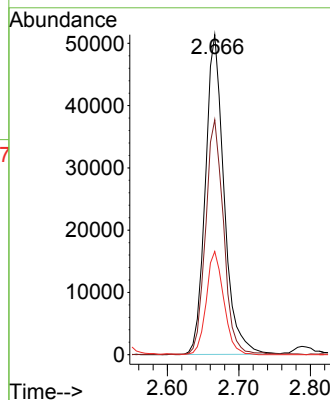
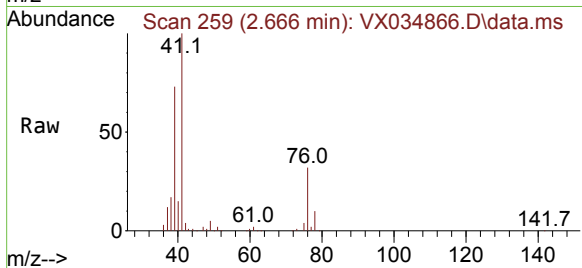
Tgt Ion: 41 Resp: 93550

Ion Ratio Lower Upper

41 100

39 73.5 36.4 109.3

76 32.3 17.0 51.0



#18

Methylene Chloride

Concen: 20.379 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Tgt Ion: 84 Resp: 58035

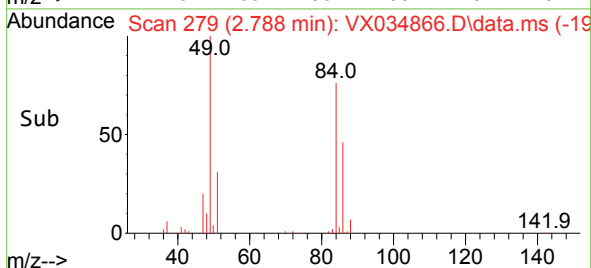
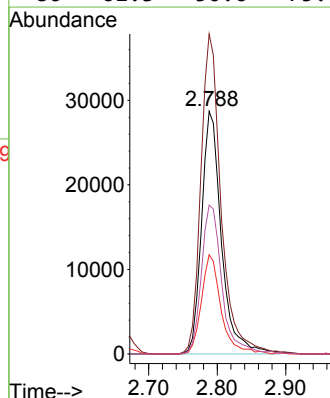
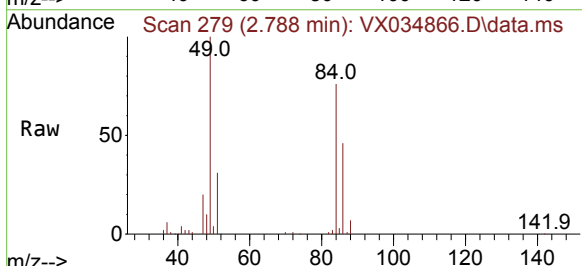
Ion Ratio Lower Upper

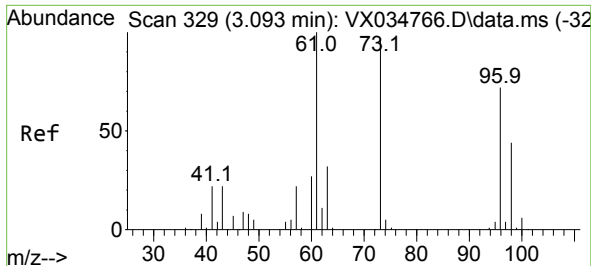
84 100

49 131.7 103.9 155.9

51 40.9 30.6 45.8

86 61.3 50.6 75.8

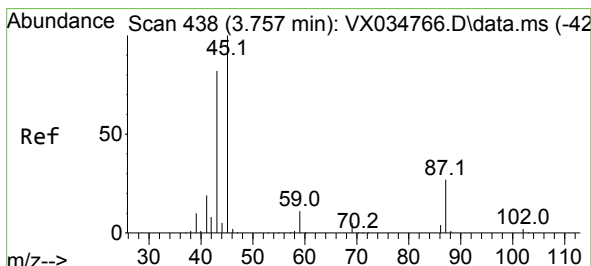
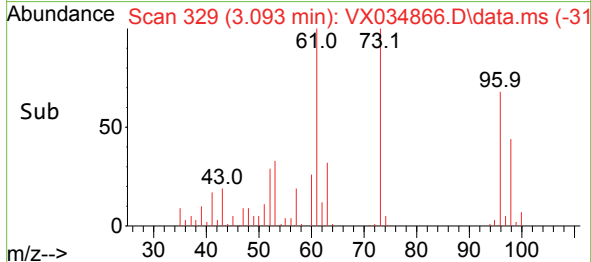
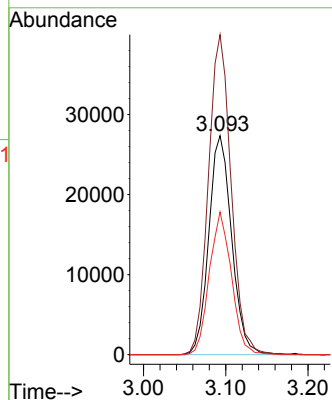
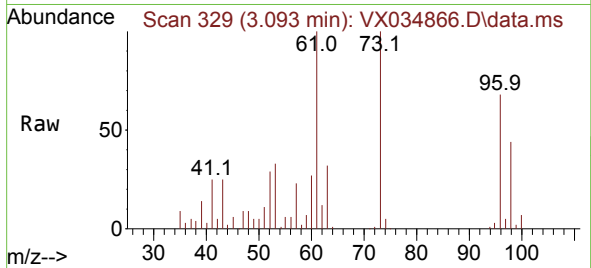




#19  
trans-1,2-Dichloroethene  
Concen: 20.027 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

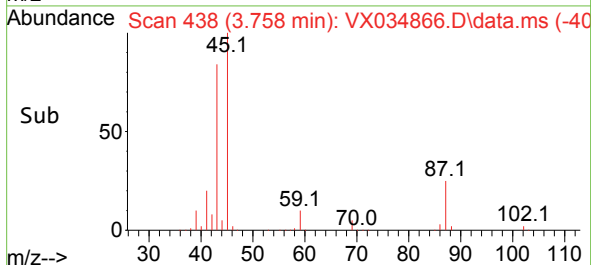
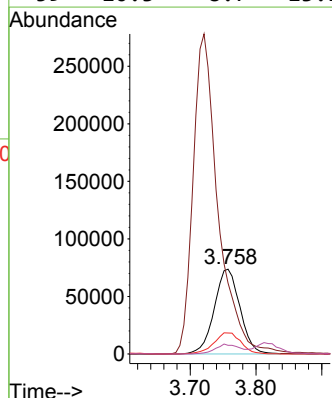
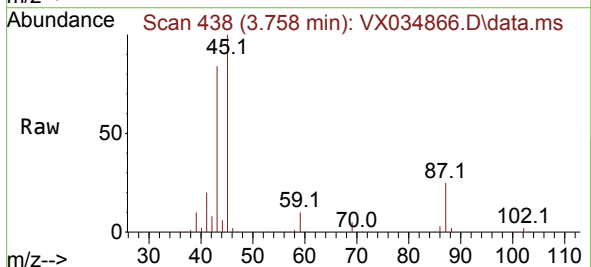
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

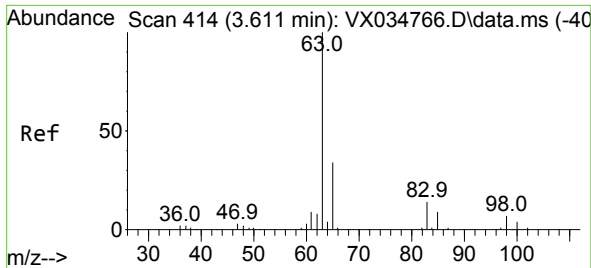
Tgt Ion: 96 Resp: 52977  
Ion Ratio Lower Upper  
96 100  
61 146.1 111.1 166.7  
98 65.1 48.6 72.8



#20  
Diisopropyl ether  
Concen: 20.919 ug/l  
RT: 3.758 min Scan# 438  
Delta R.T. 0.001 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 45 Resp: 200488  
Ion Ratio Lower Upper  
45 100  
43 80.0 66.0 99.0  
87 24.7 21.8 32.6  
59 10.3 8.7 13.1





#21

1,1-Dichloroethane

Concen: 20.245 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Instrument :

MSVOA\_X

ClientSampleId :

VX0331WBS01

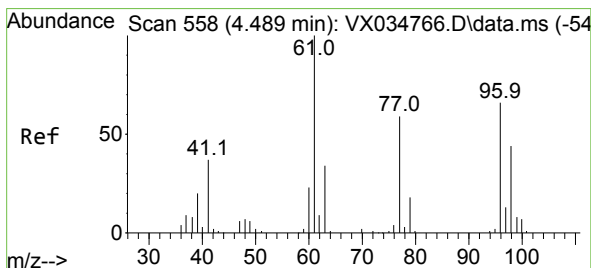
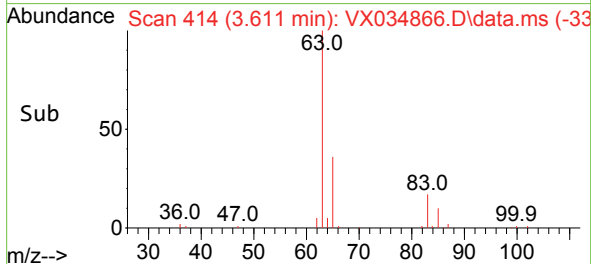
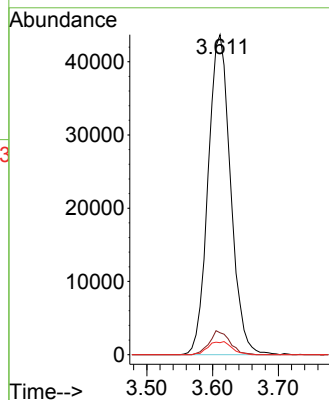
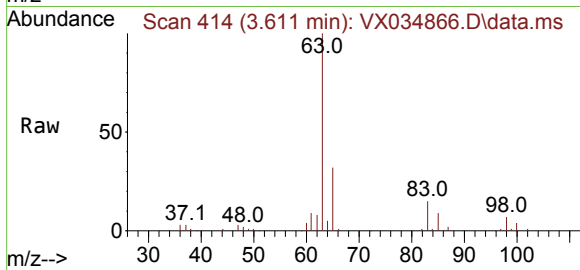
Tgt Ion: 63 Resp: 103745

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.6

100 3.8 2.2 6.6



#22

cis-1,2-Dichloroethene

Concen: 20.426 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

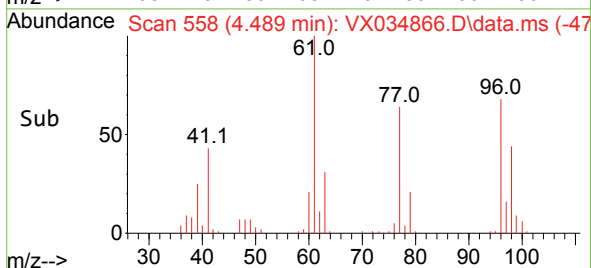
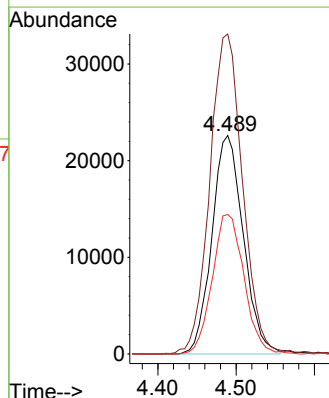
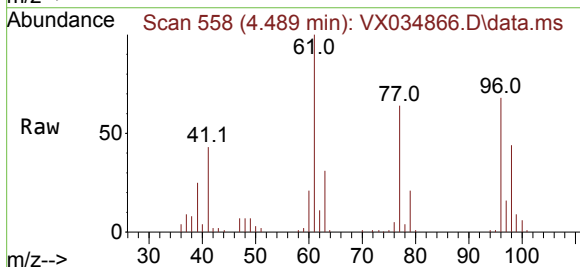
Tgt Ion: 96 Resp: 62932

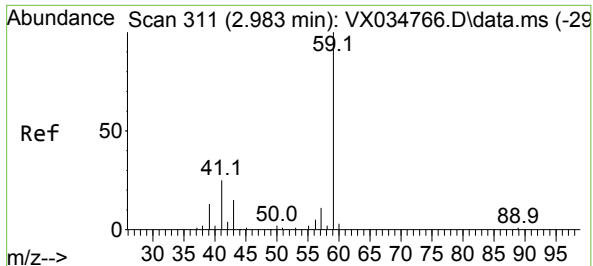
Ion Ratio Lower Upper

96 100

61 152.4 121.7 182.5

98 64.5 52.2 78.2

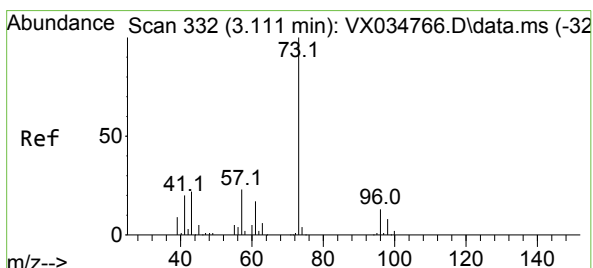
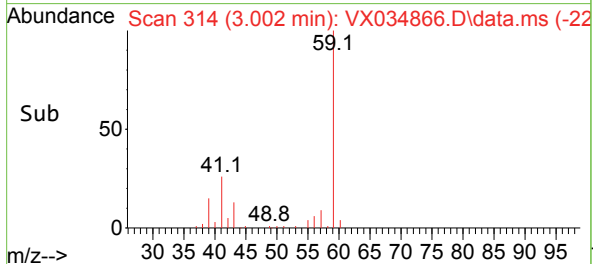
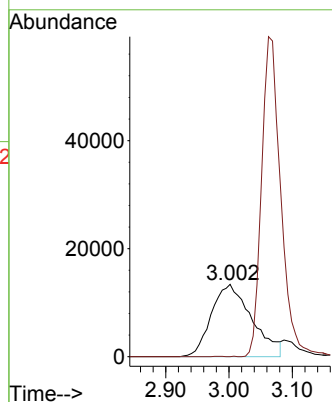
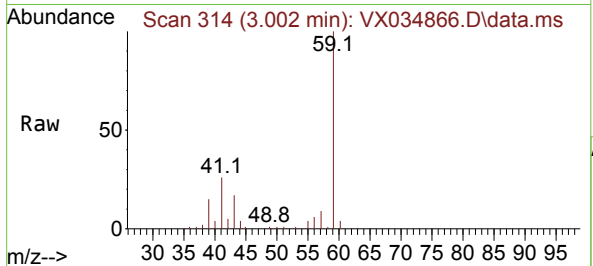




#23  
tert-Butyl Alcohol  
Concen: 89.799 ug/l  
RT: 3.002 min Scan# 311  
Delta R.T. 0.019 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

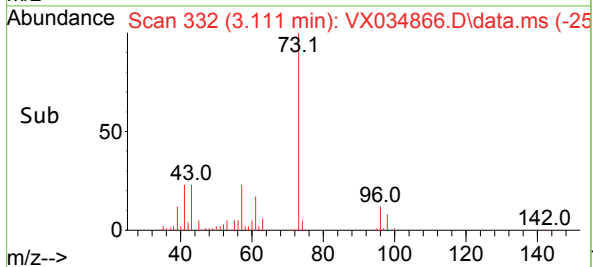
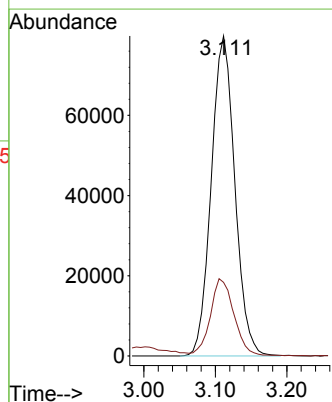
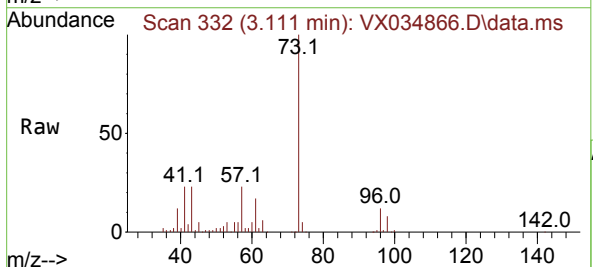
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

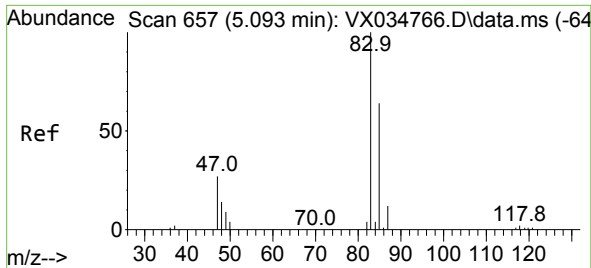
Tgt Ion: 59 Resp: 59562  
Ion Ratio Lower Upper  
59 100  
52 0.1 0.2 0.4#



#24  
Methyl tert-Butyl Ether  
Concen: 20.374 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. 0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 73 Resp: 183024  
Ion Ratio Lower Upper  
73 100  
43 23.7 17.9 26.9

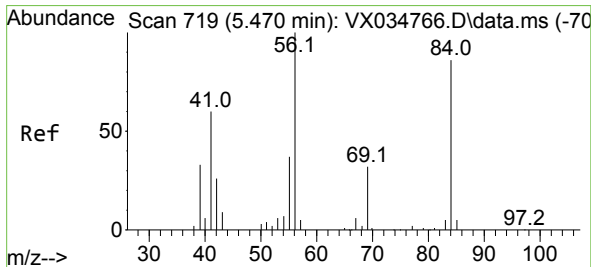
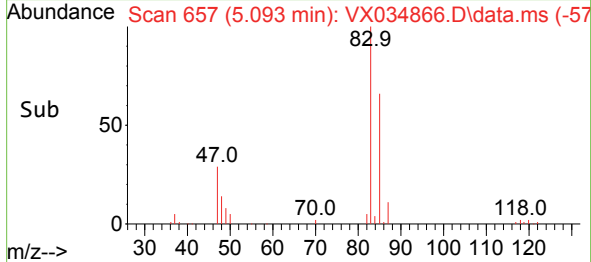
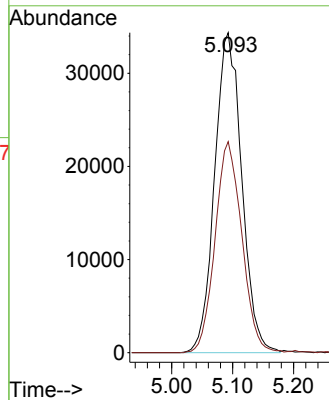
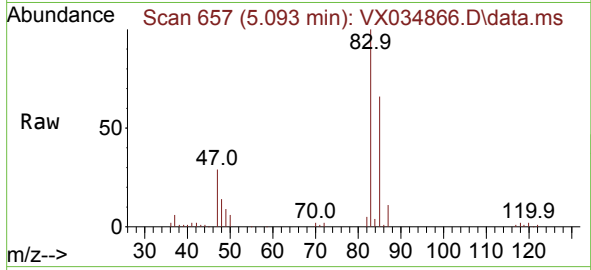




#25  
Chloroform  
Concen: 20.336 ug/l  
RT: 5.093 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

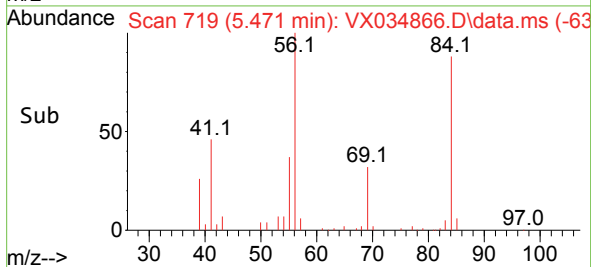
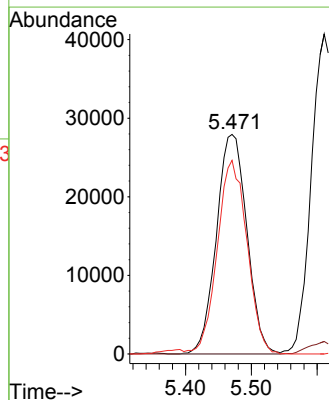
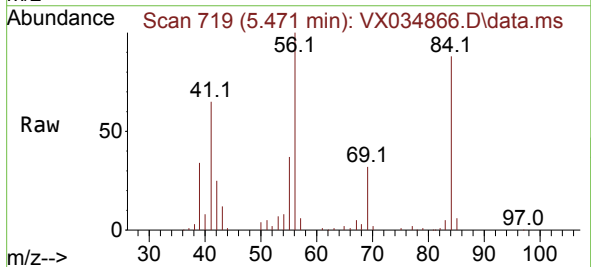
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

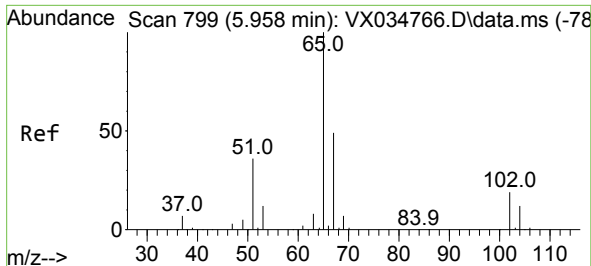
Tgt Ion: 83 Resp: 105999  
Ion Ratio Lower Upper  
83 100  
85 65.9 51.2 76.8



#26  
Cyclohexane  
Concen: 20.066 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.001 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 56 Resp: 90112  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 86.1 67.4 101.2

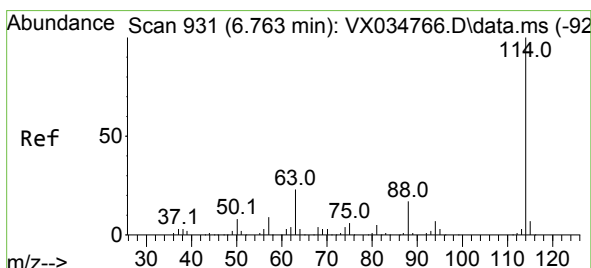
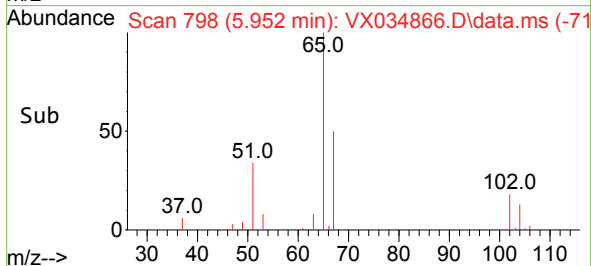
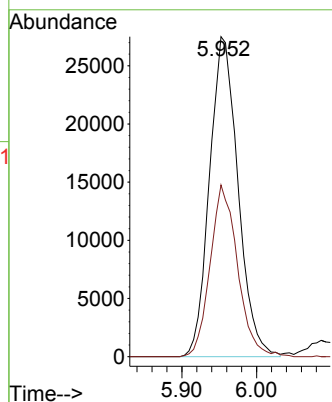
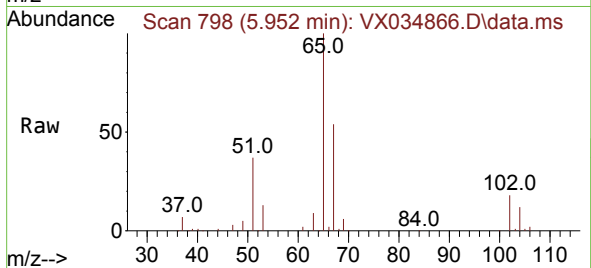




#27  
1,2-Dichloroethane-d4  
Concen: 31.182 ug/l  
RT: 5.952 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

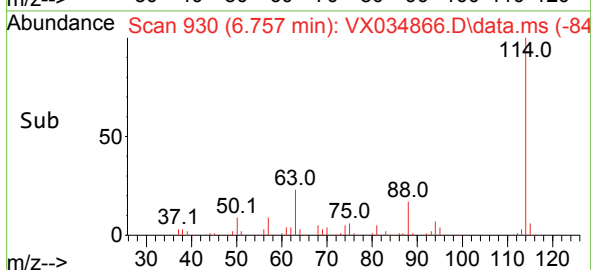
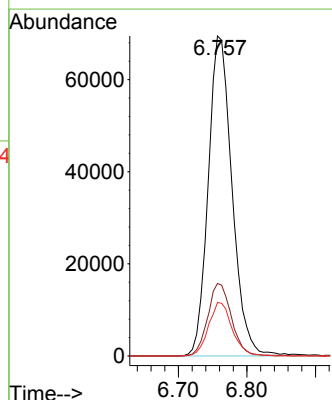
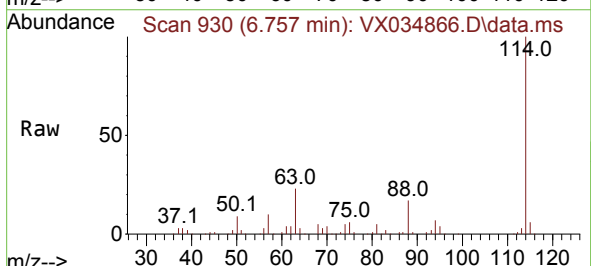
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

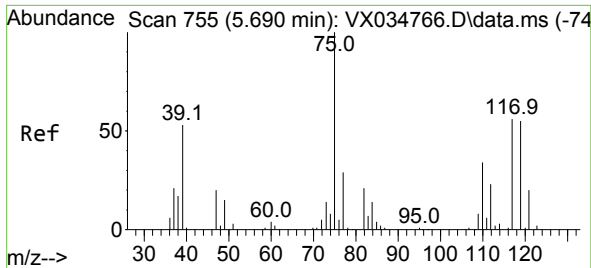
Tgt Ion: 65 Resp: 72970  
Ion Ratio Lower Upper  
65 100  
67 51.2 40.9 61.3



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. -0.006 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 114 Resp: 168005  
Ion Ratio Lower Upper  
114 100  
63 22.4 18.0 27.0  
88 16.6 13.3 19.9





#29

1,1-Dichloropropene

Concen: 19.799 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Instrument :

MSVOA\_X

ClientSampleId :

VX0331WBS01

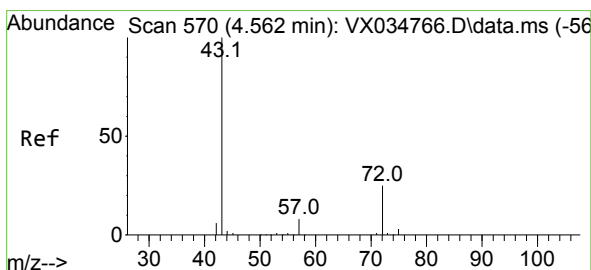
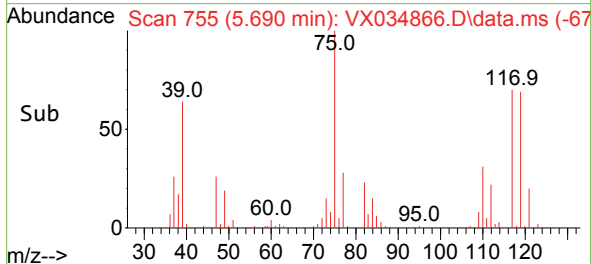
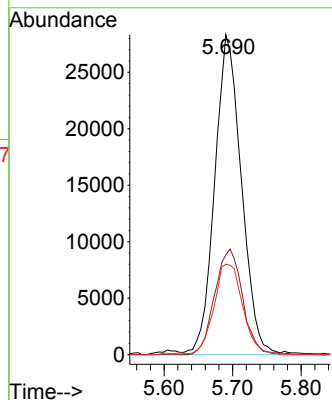
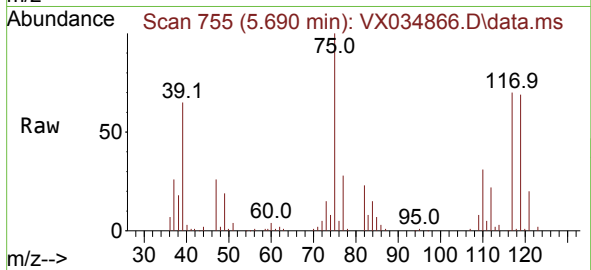
Tgt Ion: 75 Resp: 76507

Ion Ratio Lower Upper

75 100

110 34.5 0.0 71.4

77 30.5 0.0 61.6



#30

2-Butanone

Concen: 108.674 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

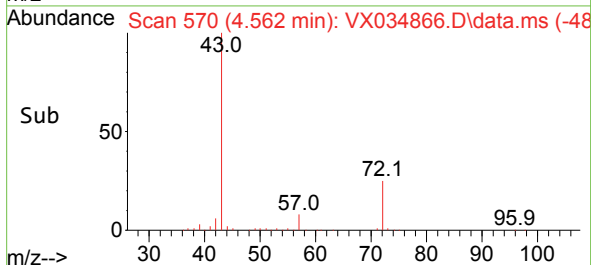
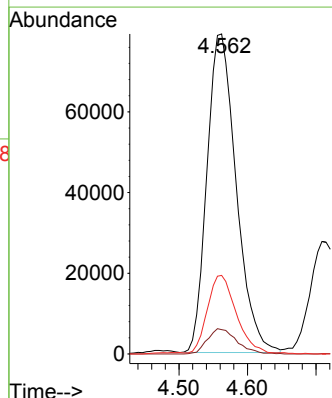
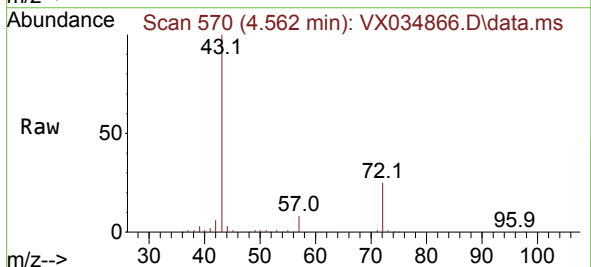
Tgt Ion: 43 Resp: 234186

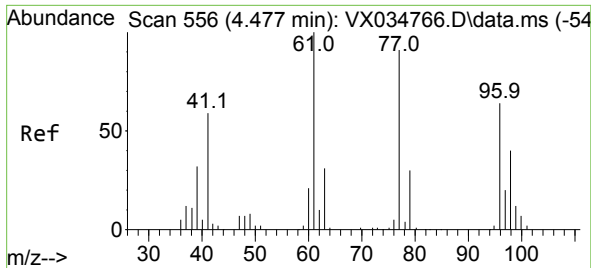
Ion Ratio Lower Upper

43 100

57 7.9 6.3 9.5

72 24.4 19.6 29.4

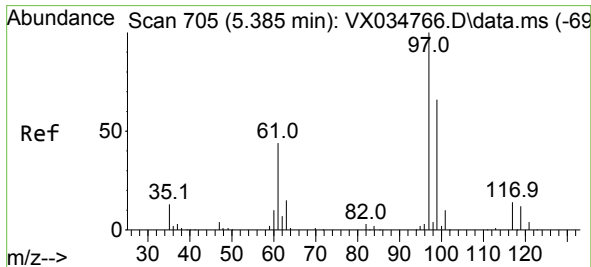
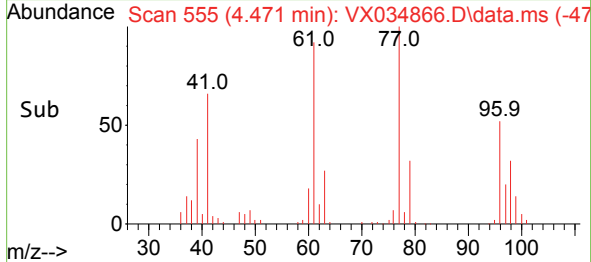
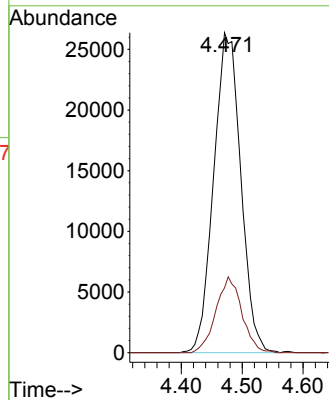
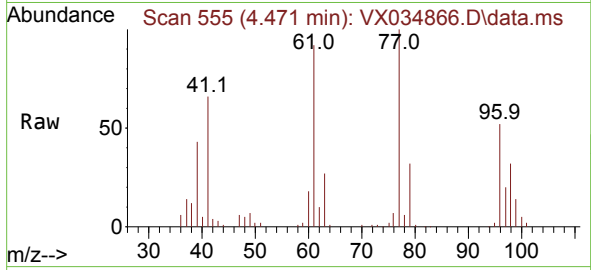




#31  
2,2-Dichloropropane  
Concen: 20.771 ug/l  
RT: 4.471 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

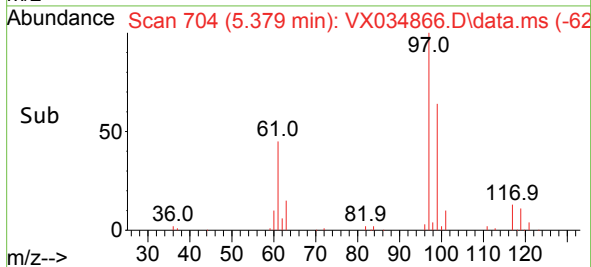
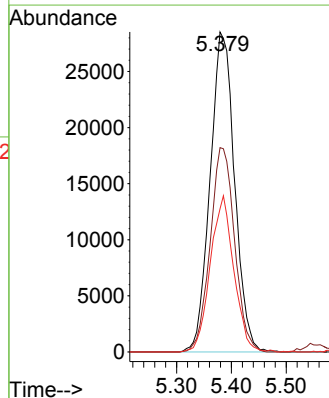
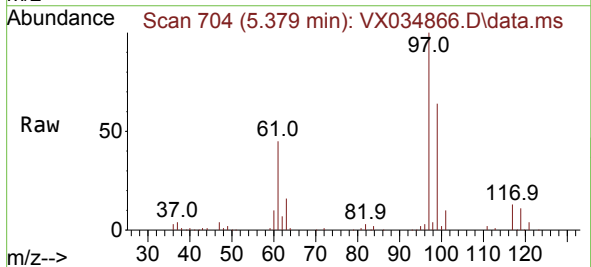
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

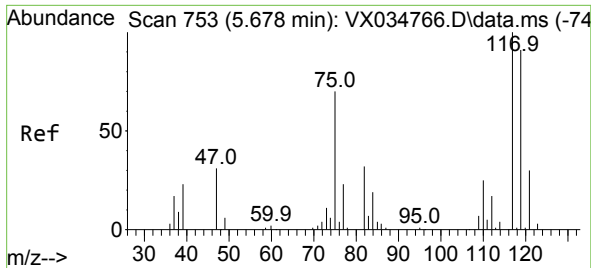
Tgt Ion: 77 Resp: 81397  
Ion Ratio Lower Upper  
77 100  
97 22.6 18.2 27.4



#32  
1,1,1-Trichloroethane  
Concen: 19.498 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 97 Resp: 88387  
Ion Ratio Lower Upper  
97 100  
99 63.9 51.3 76.9  
61 46.9 36.6 55.0

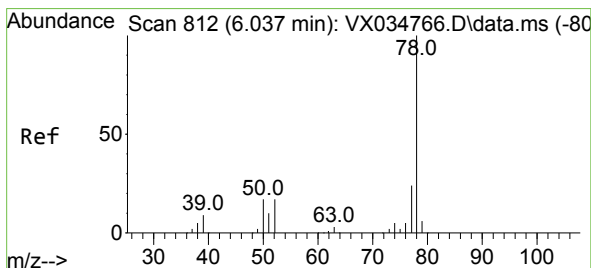
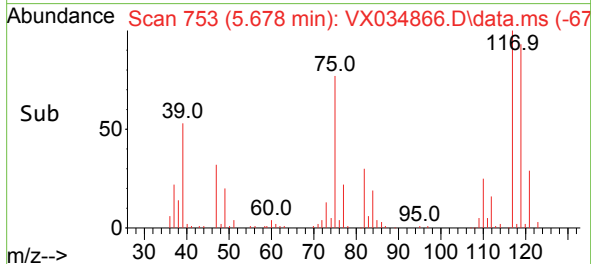
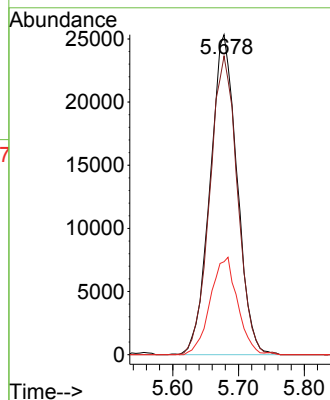
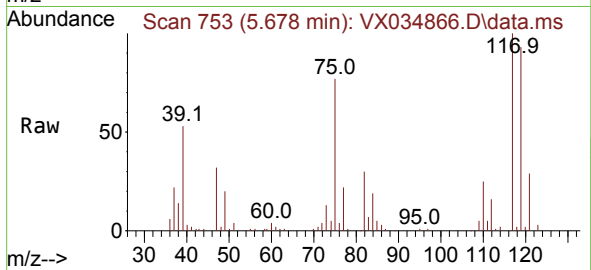




#33  
Carbon Tetrachloride  
Concen: 19.329 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

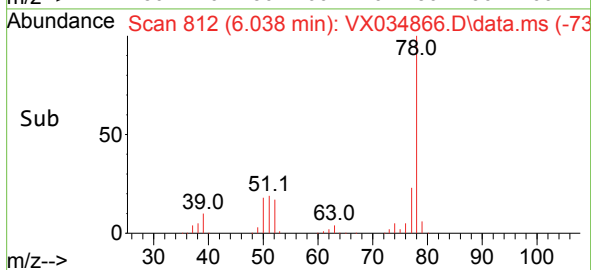
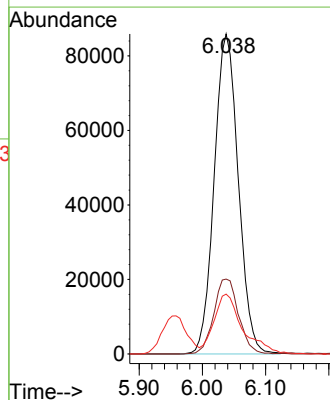
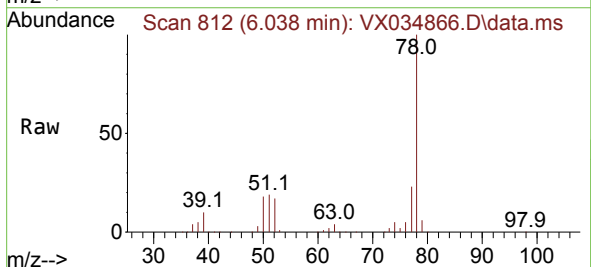
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

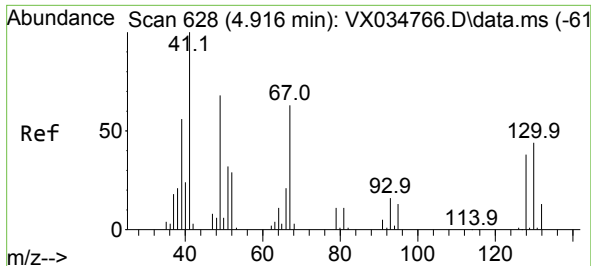
Tgt Ion:117 Resp: 72314  
Ion Ratio Lower Upper  
117 100  
119 93.3 73.3 109.9  
121 29.1 24.0 36.0



#34  
Benzene  
Concen: 20.189 ug/l  
RT: 6.038 min Scan# 812  
Delta R.T. 0.001 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 78 Resp: 226708  
Ion Ratio Lower Upper  
78 100  
77 23.4 19.0 28.4  
51 18.2 14.6 21.8

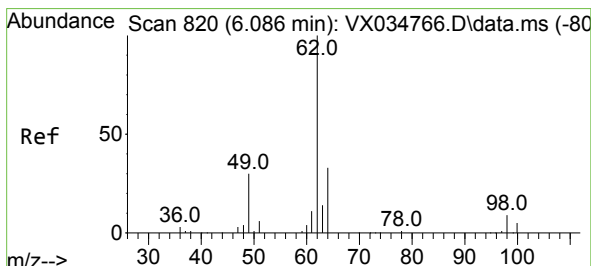
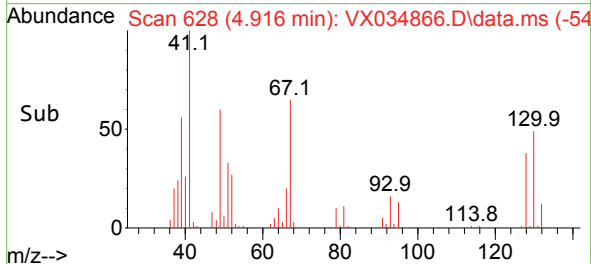
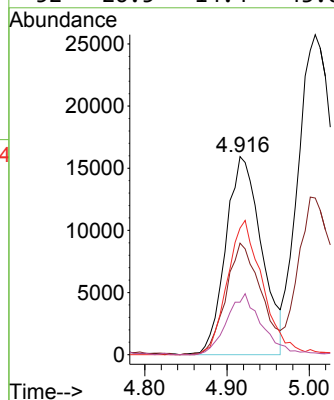
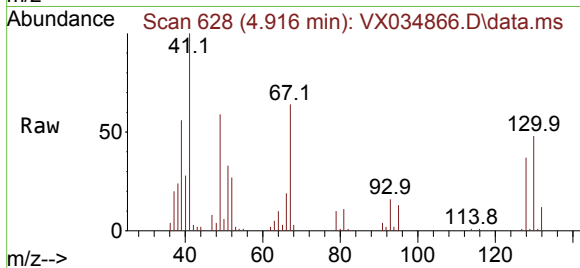




#35  
Methacrylonitrile  
Concen: 20.418 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

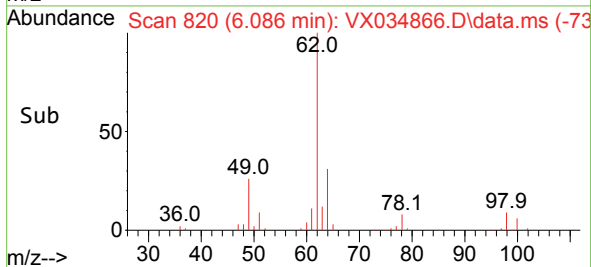
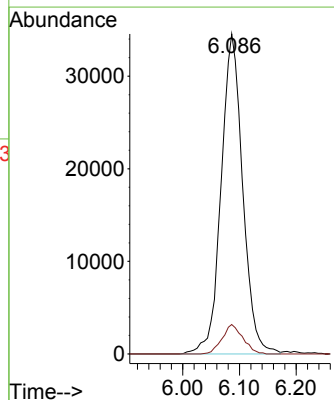
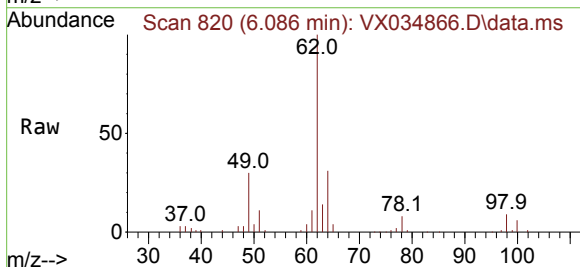
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

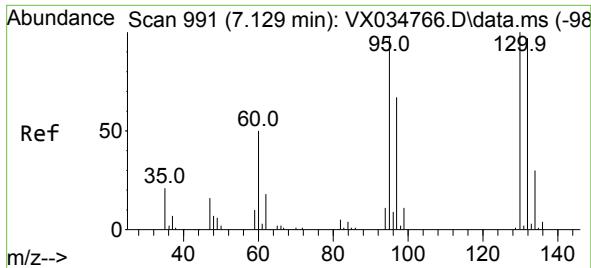
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 48158 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.3  | 28.0  | 84.0  |
| 67       | 63.9  | 31.6  | 94.7  |
| 52       | 26.5  | 14.4  | 43.0  |



#36  
1,2-Dichloroethane  
Concen: 20.763 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 91414 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.9   | 7.0   | 10.6  |

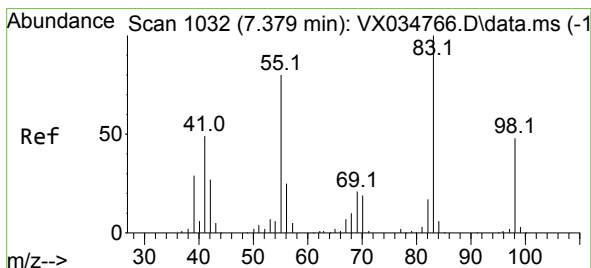
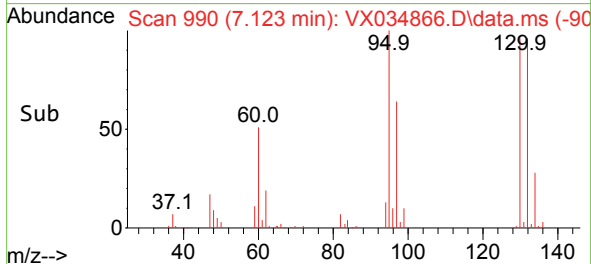
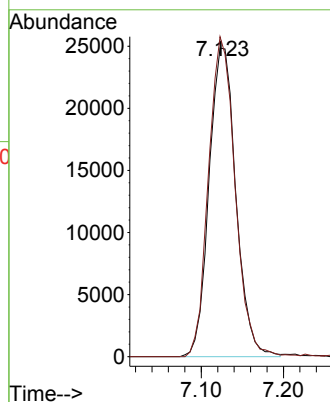
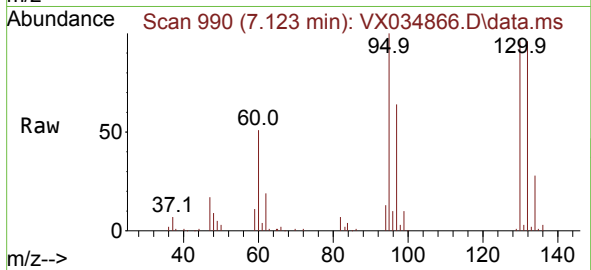




#37  
Trichloroethene  
Concen: 19.786 ug/l  
RT: 7.123 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

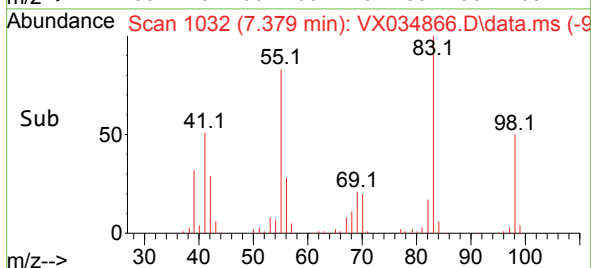
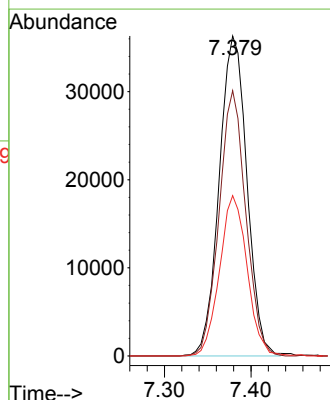
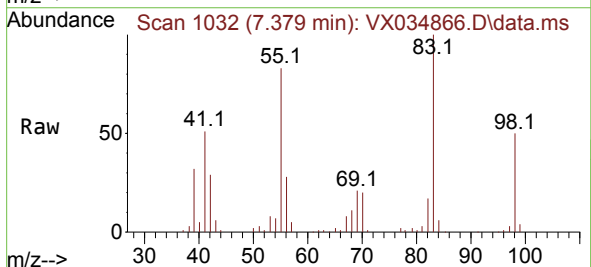
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

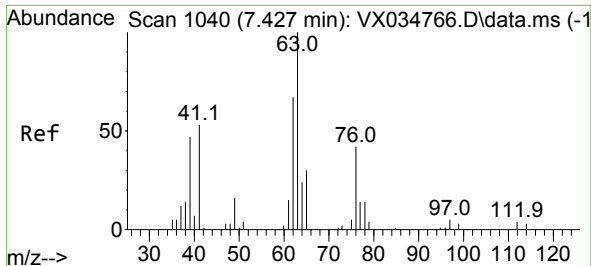
Tgt Ion:130 Resp: 56544  
Ion Ratio Lower Upper  
130 100  
95 103.7 77.8 116.6



#38  
Methylcyclohexane  
Concen: 19.125 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 83 Resp: 80739  
Ion Ratio Lower Upper  
83 100  
55 79.9 38.8 116.4  
98 49.8 23.8 71.2





#39

1,2-Dichloropropane

Concen: 20.402 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Instrument :

MSVOA\_X

ClientSampleId :

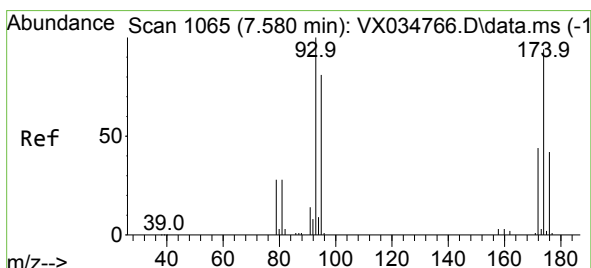
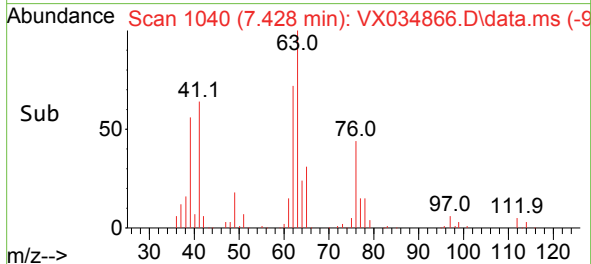
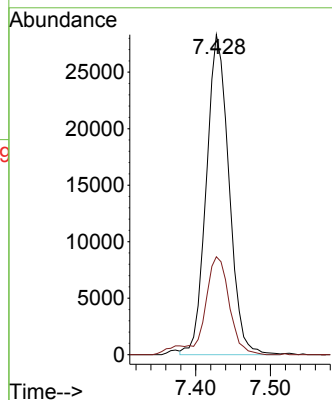
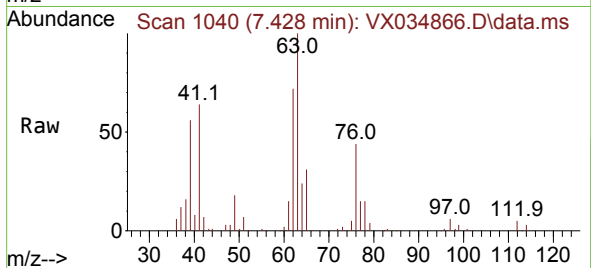
VX0331WBS01

Tgt Ion: 63 Resp: 59551

Ion Ratio Lower Upper

63 100

65 30.7 24.0 36.0



#40

Dibromomethane

Concen: 20.626 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

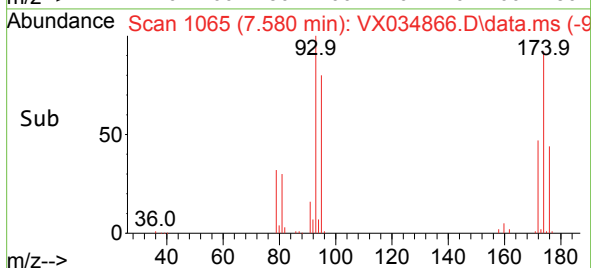
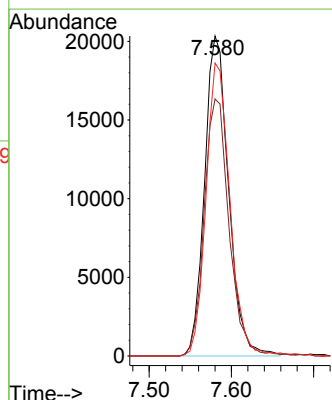
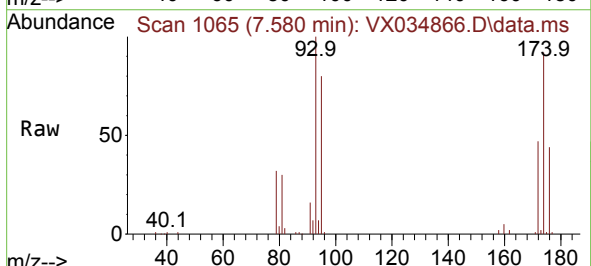
Tgt Ion: 93 Resp: 41357

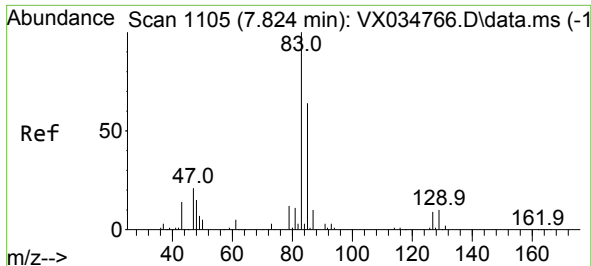
Ion Ratio Lower Upper

93 100

95 82.9 0.0 165.8

174 91.0 0.0 188.8

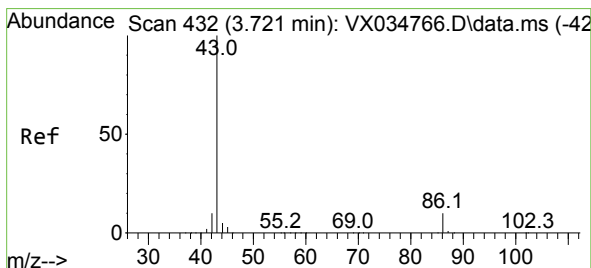
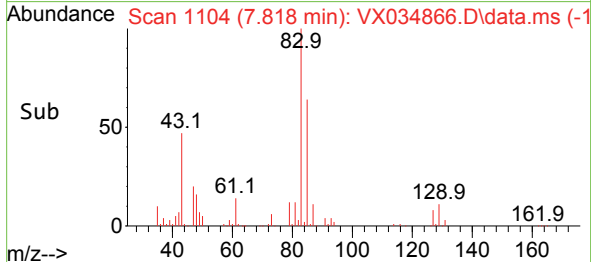
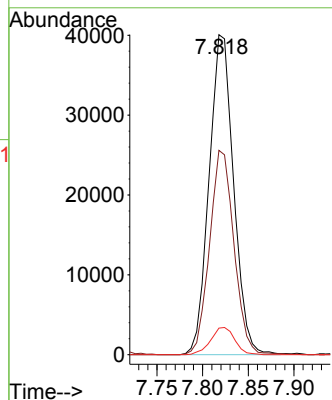
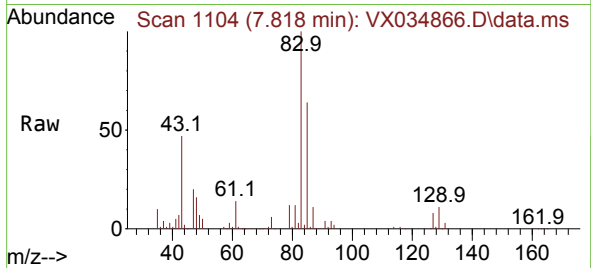




#41  
Bromodichloromethane  
Concen: 19.792 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

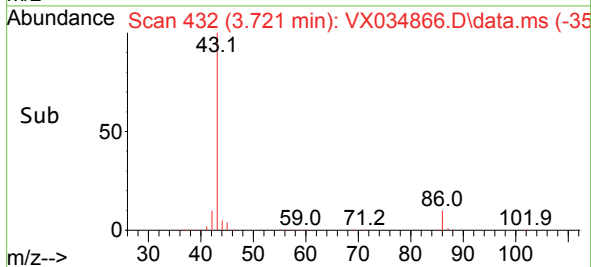
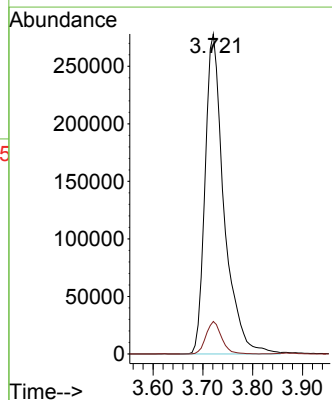
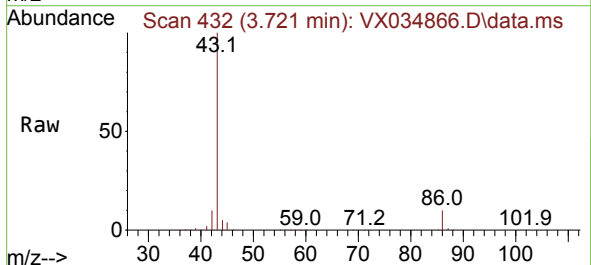
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

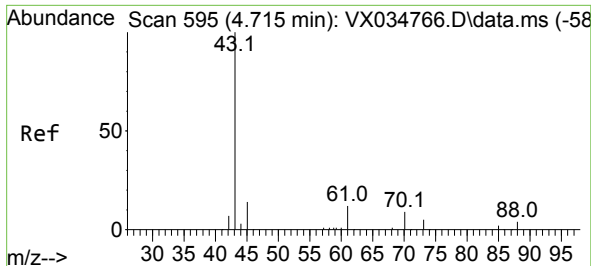
Tgt Ion: 83 Resp: 74751  
Ion Ratio Lower Upper  
83 100  
85 63.9 51.1 76.7  
127 8.3 8.2 12.4



#42  
Vinyl Acetate  
Concen: 104.406 ug/l  
RT: 3.721 min Scan# 432  
Delta R.T. -0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 43 Resp: 734002  
Ion Ratio Lower Upper  
43 100  
86 8.4 6.9 10.3

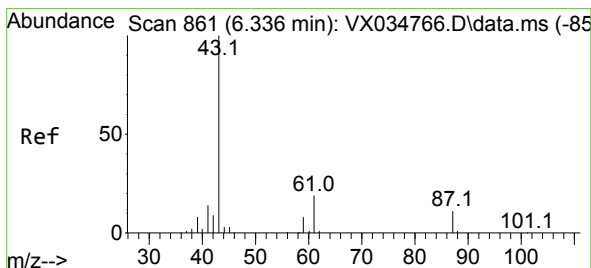
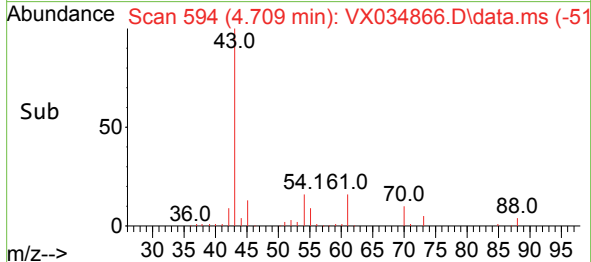
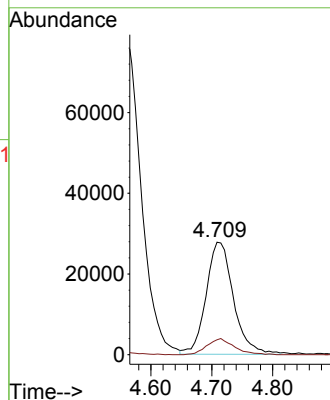
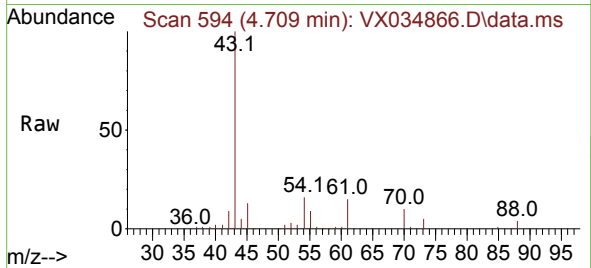




#43  
Ethyl Acetate  
Concen: 20.747 ug/l  
RT: 4.709 min Scan# 594  
Delta R.T. -0.006 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

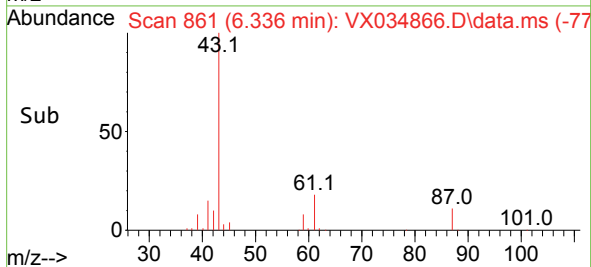
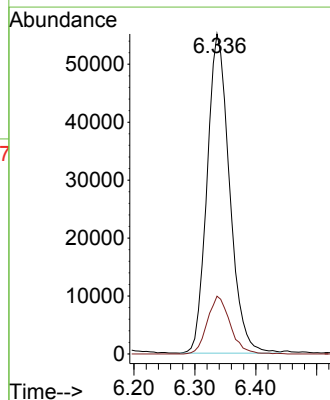
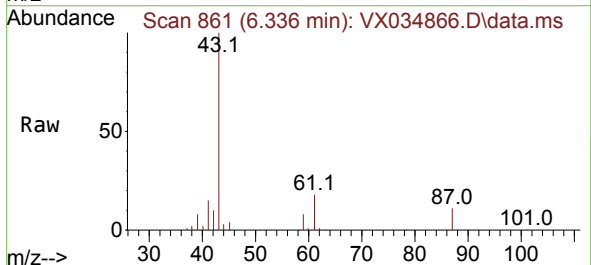
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

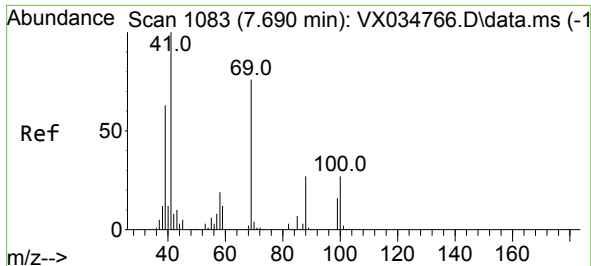
Tgt Ion: 43 Resp: 86711  
Ion Ratio Lower Upper  
43 100  
45 14.1 12.0 18.0



#44  
Isopropyl Acetate  
Concen: 19.947 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 43 Resp: 141122  
Ion Ratio Lower Upper  
43 100  
61 18.4 15.4 23.0

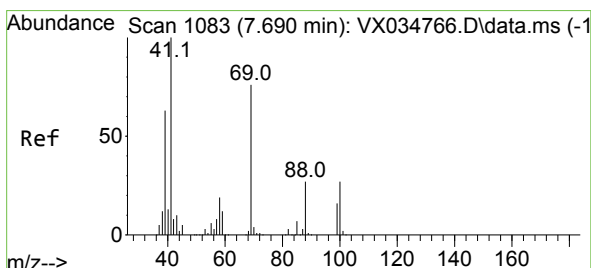
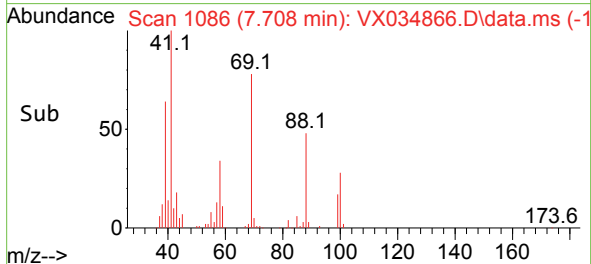
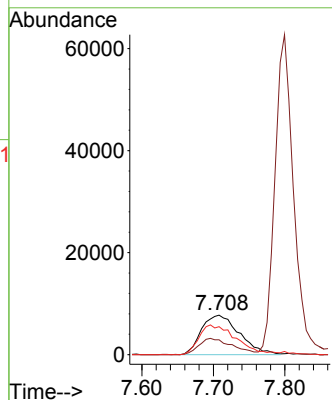
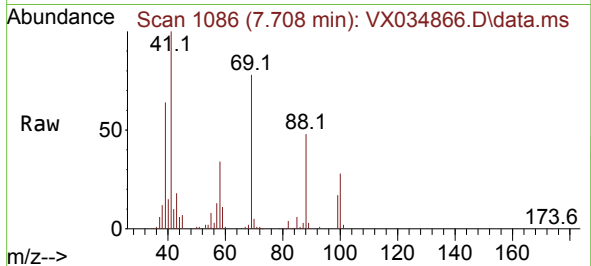




#45  
1,4-Dioxane  
Concen: 409.036 ug/l  
RT: 7.708 min Scan# 1086  
Delta R.T. 0.018 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

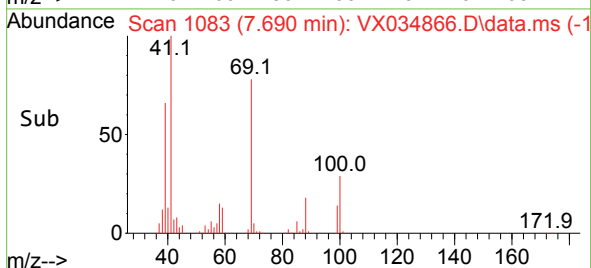
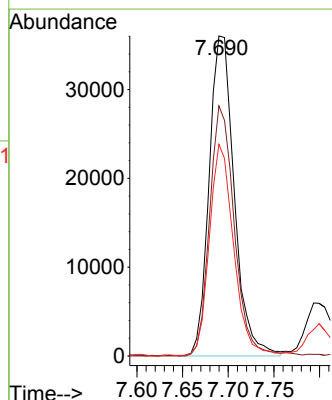
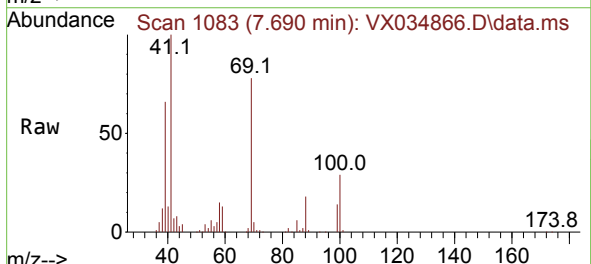
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

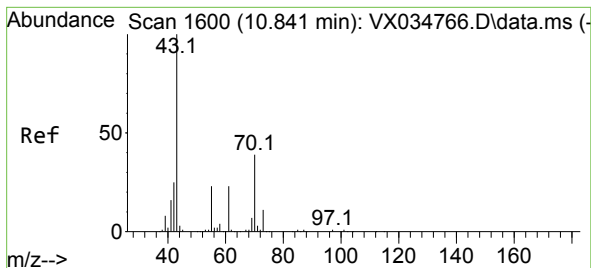
Tgt Ion: 88 Resp: 28671  
Ion Ratio Lower Upper  
88 100  
43 36.9 26.5 39.7  
58 72.2 55.6 83.4



#46  
Methyl methacrylate  
Concen: 19.986 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 41 Resp: 68896  
Ion Ratio Lower Upper  
41 100  
69 78.2 38.1 114.5  
39 65.9 31.4 94.3





#47

n-amyl acetate

Concen: 19.720 ug/l

RT: 10.842 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Instrument :

MSVOA\_X

ClientSampleId :

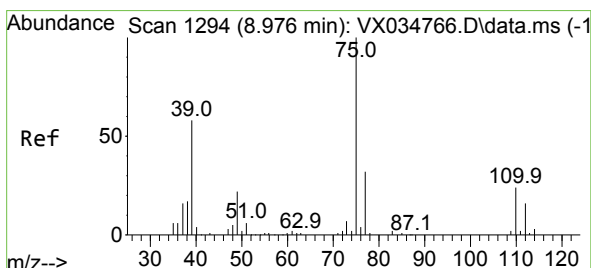
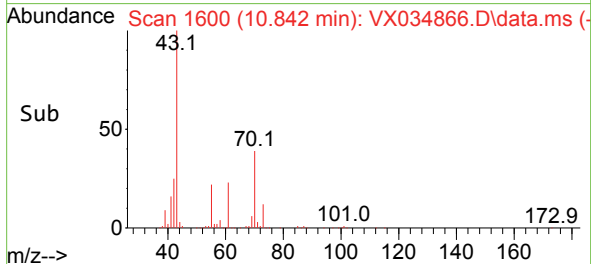
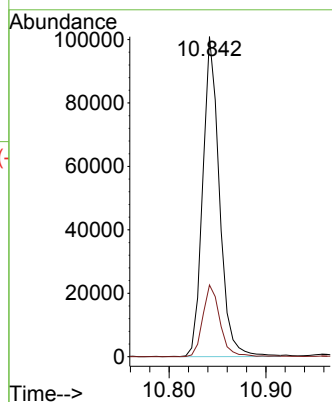
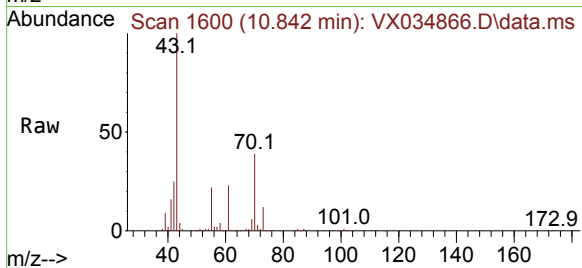
VX0331WBS01

Tgt Ion: 43 Resp: 121299

Ion Ratio Lower Upper

43 100

55 22.9 18.6 28.0



#48

t-1,3-Dichloropropene

Concen: 19.028 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX034866.D

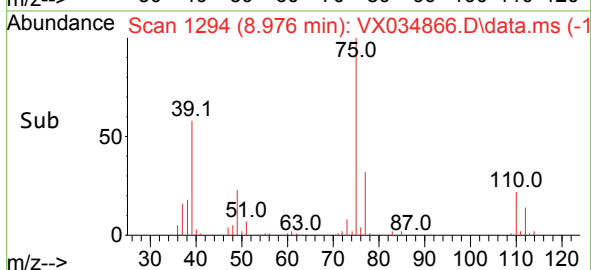
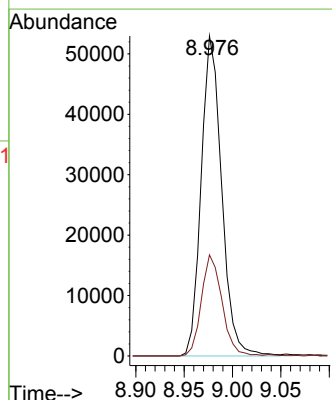
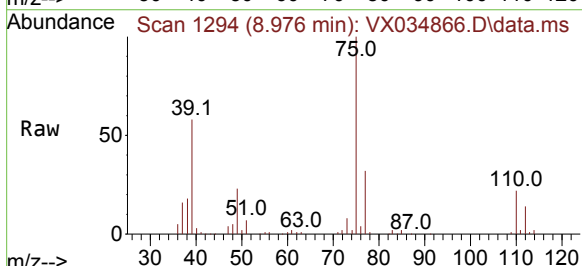
Acq: 31 Mar 2023 10:23

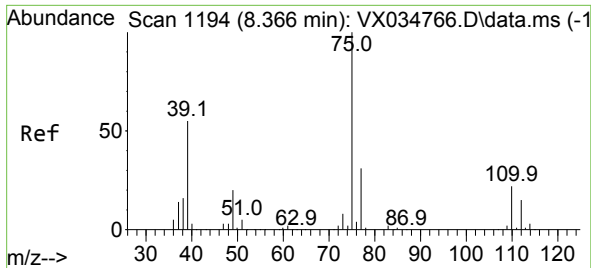
Tgt Ion: 75 Resp: 78301

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 19.574 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Instrument :

MSVOA\_X

ClientSampleId :

VX0331WBS01

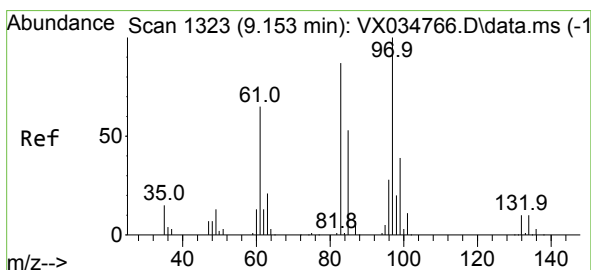
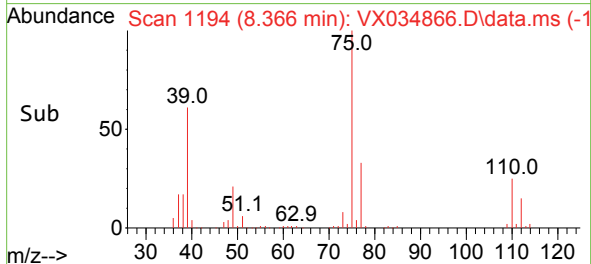
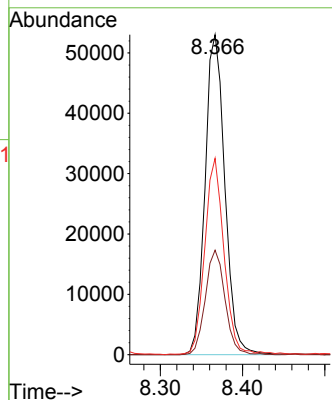
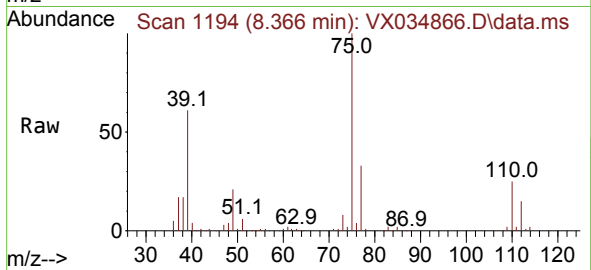
Tgt Ion: 75 Resp: 88494

Ion Ratio Lower Upper

75 100

77 32.6 24.6 37.0

39 61.1 44.2 66.2



#50

1,1,2-Trichloroethane

Concen: 20.614 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Tgt Ion: 97 Resp: 57584

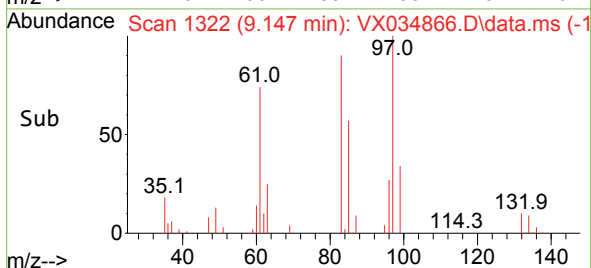
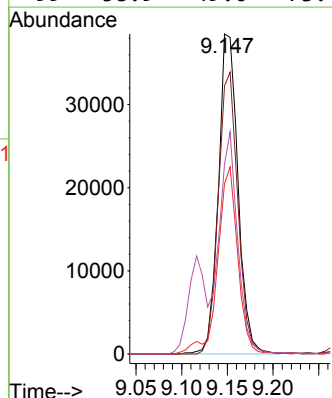
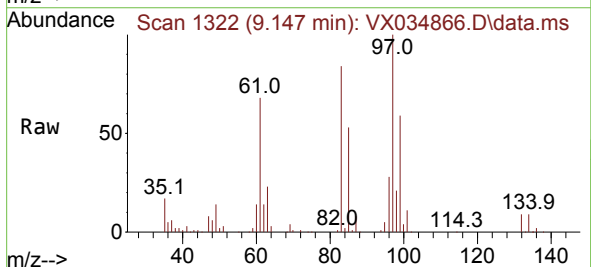
Ion Ratio Lower Upper

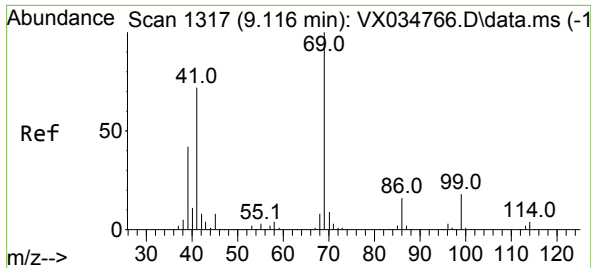
97 100

83 83.8 68.9 103.3

85 52.9 44.0 66.0

99 58.9 49.0 73.4

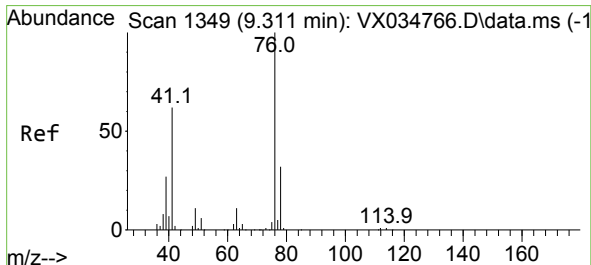
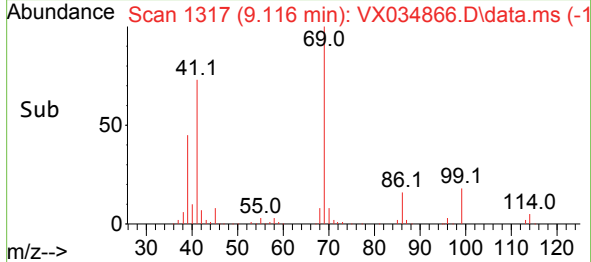
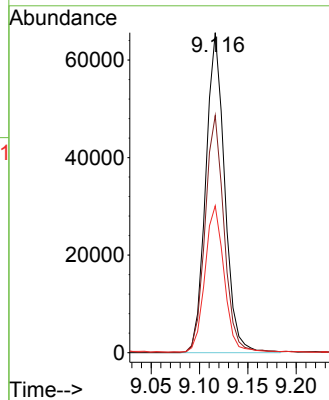
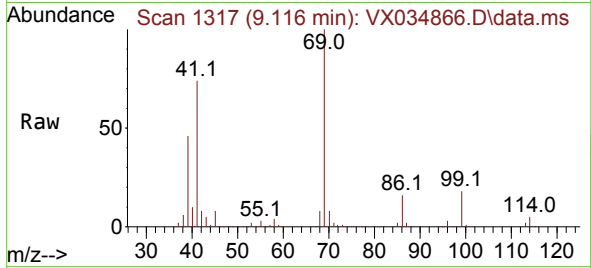




#51  
Ethyl methacrylate  
Concen: 19.772 ug/l  
RT: 9.116 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

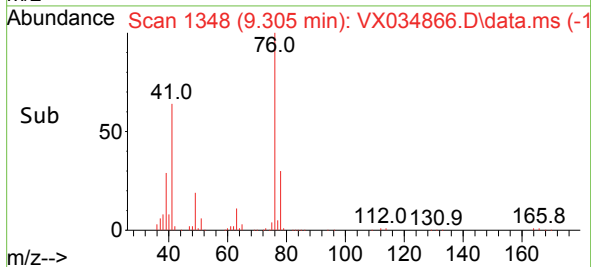
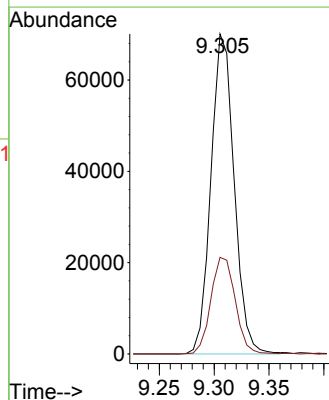
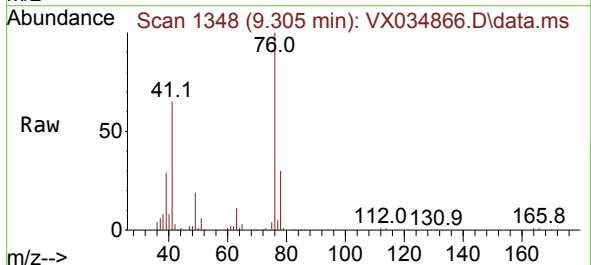
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

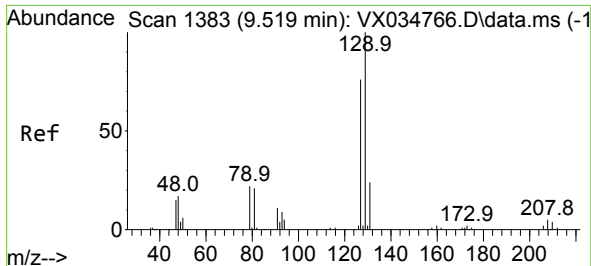
Tgt Ion: 69 Resp: 89643  
Ion Ratio Lower Upper  
69 100  
41 74.0 36.2 108.6  
39 45.7 21.2 63.6



#52  
1,3-Dichloropropane  
Concen: 20.912 ug/l  
RT: 9.305 min Scan# 1348  
Delta R.T. -0.006 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 76 Resp: 103188  
Ion Ratio Lower Upper  
76 100  
78 31.5 0.0 63.8

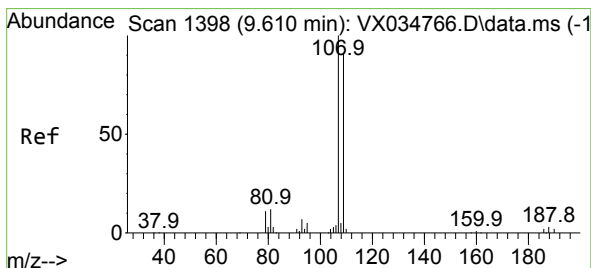
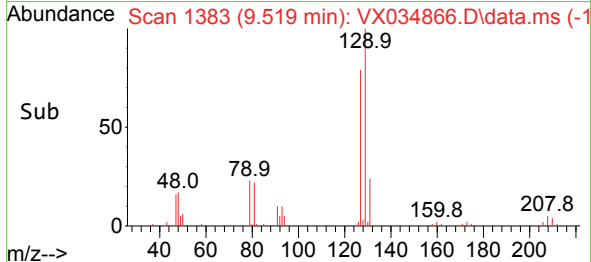
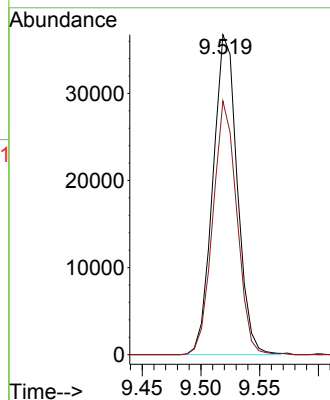
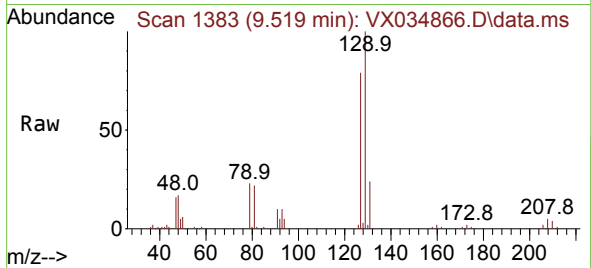




#53  
Dibromochloromethane  
Concen: 19.185 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

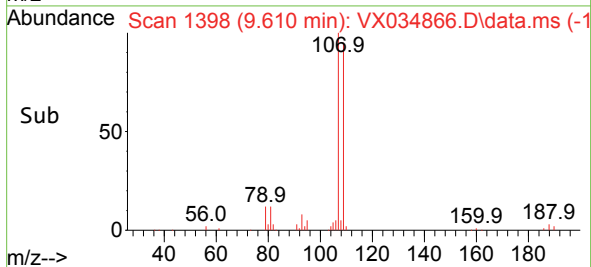
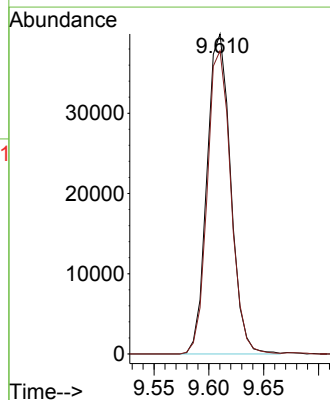
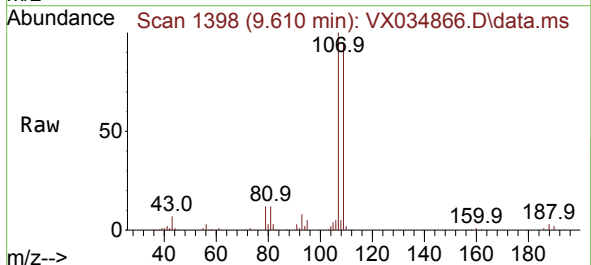
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

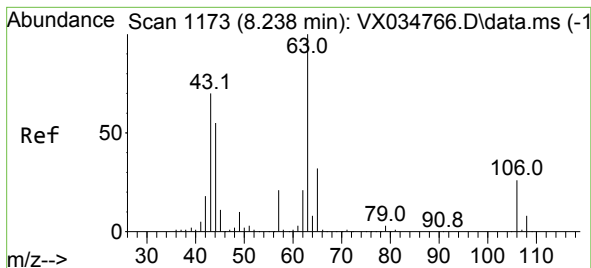
Tgt Ion:129 Resp: 53017  
Ion Ratio Lower Upper  
129 100  
127 78.0 39.1 117.5



#54  
1,2-Dibromoethane  
Concen: 20.059 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion:107 Resp: 59935  
Ion Ratio Lower Upper  
107 100  
109 94.4 75.4 113.2





#55

2-Chloroethyl vinyl ether

Concen: 100.591 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Instrument :

MSVOA\_X

ClientSampleId :

VX0331WBS01

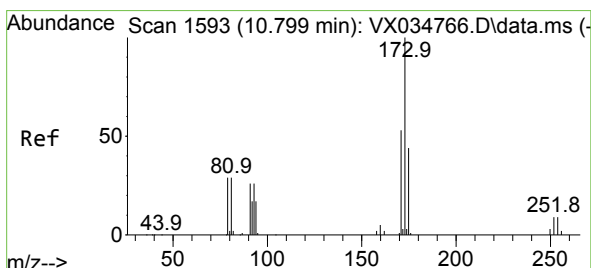
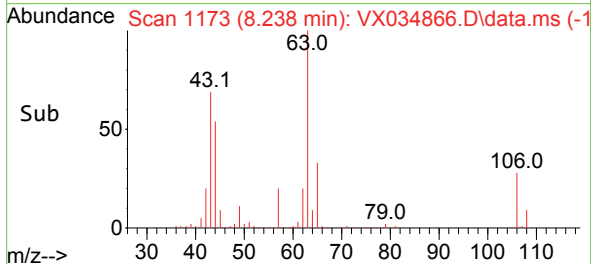
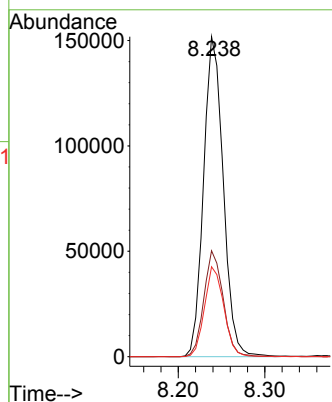
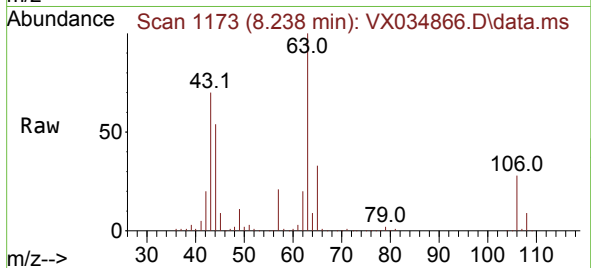
Tgt Ion: 63 Resp: 239997

Ion Ratio Lower Upper

63 100

65 32.5 25.4 38.2

106 27.7 21.6 32.4



#56

Bromoform

Concen: 17.770 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

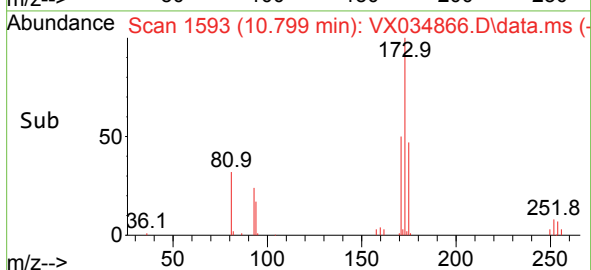
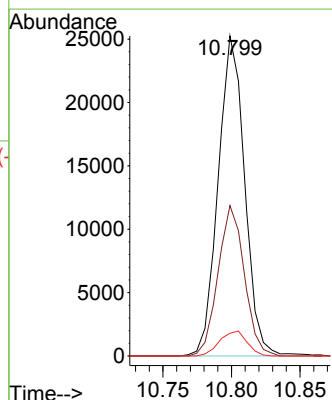
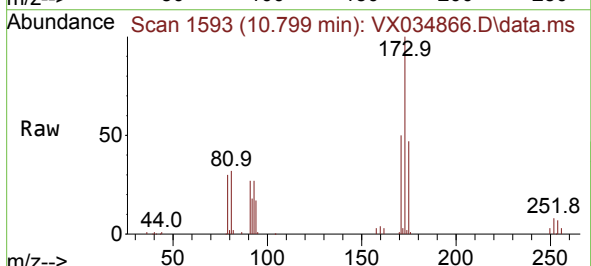
Tgt Ion: 173 Resp: 33859

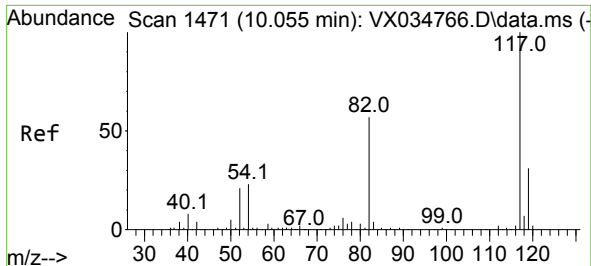
Ion Ratio Lower Upper

173 100

175 46.7 37.0 55.4

254 8.1 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Instrument :

MSVOA\_X

ClientSampleId :

VX0331WBS01

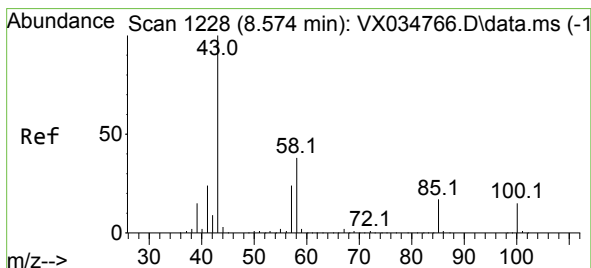
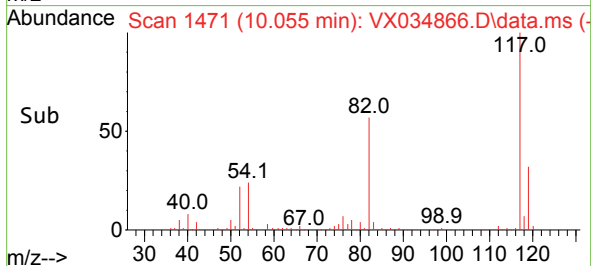
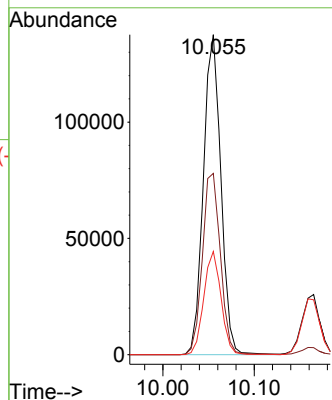
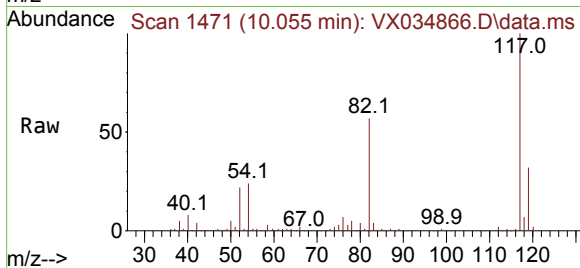
Tgt Ion:117 Resp: 182655

Ion Ratio Lower Upper

117 100

82 58.4 45.8 68.8

119 31.7 25.4 38.0



#58

4-Methyl-2-Pentanone

Concen: 104.841 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

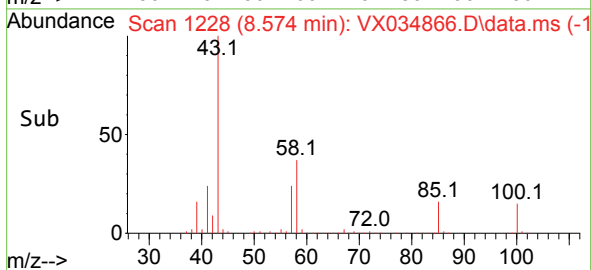
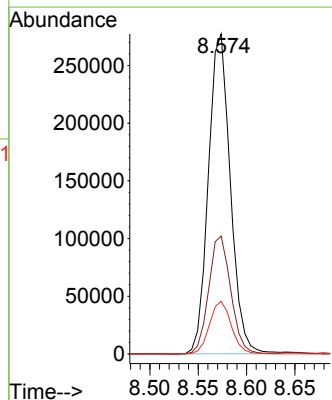
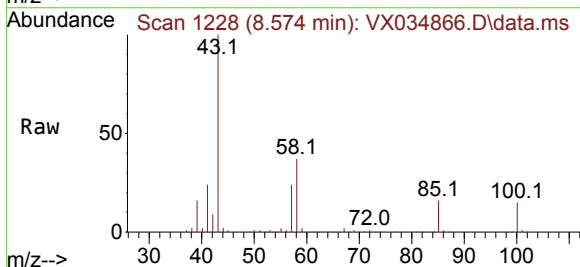
Tgt Ion: 43 Resp: 439060

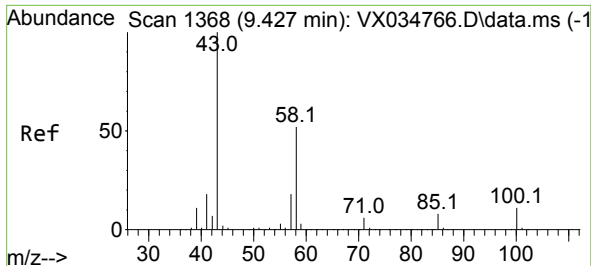
Ion Ratio Lower Upper

43 100

58 37.1 29.9 44.9

85 16.3 13.2 19.8

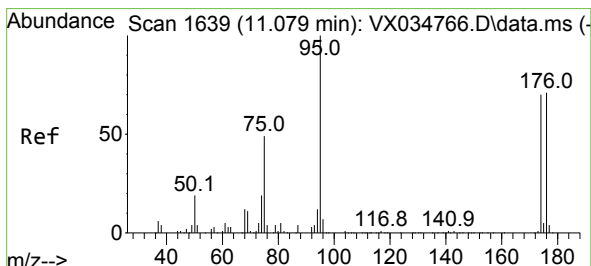
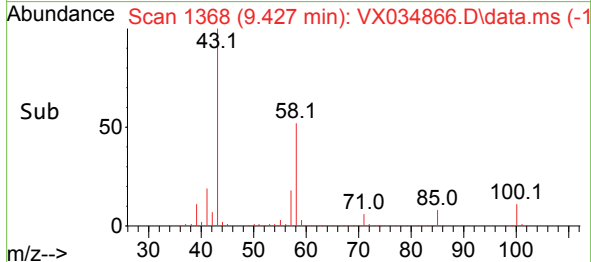
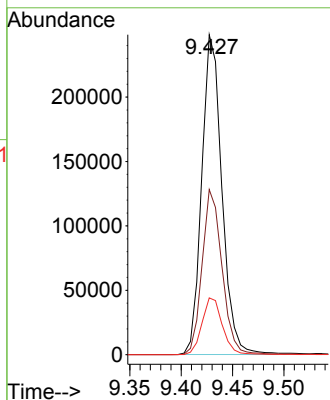
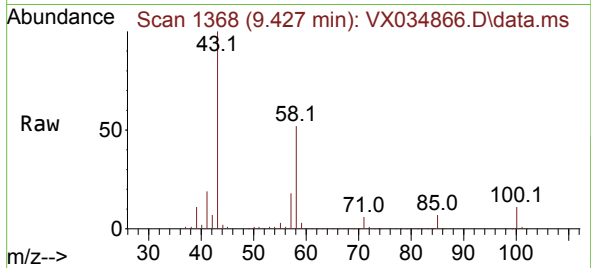




#59  
2-Hexanone  
Concen: 107.670 ug/l  
RT: 9.427 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

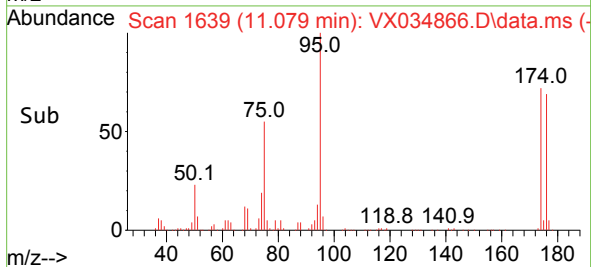
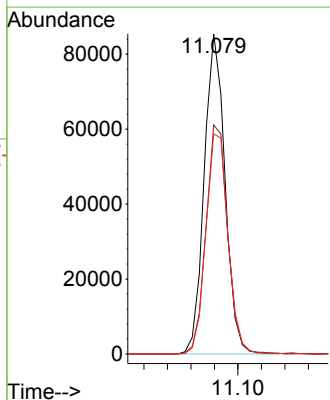
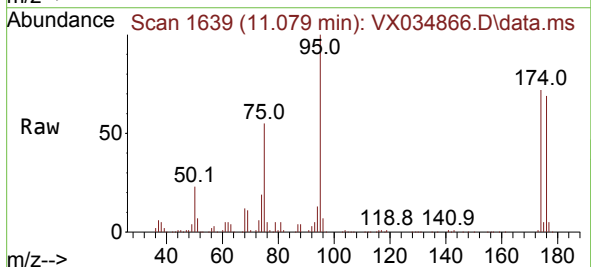
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

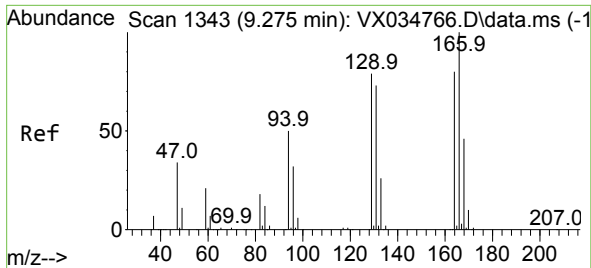
Tgt Ion: 43 Resp: 339497  
Ion Ratio Lower Upper  
43 100  
58 51.0 41.7 62.5  
57 18.0 14.7 22.1



#60  
4-Bromofluorobenzene  
Concen: 28.815 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 95 Resp: 105167  
Ion Ratio Lower Upper  
95 100  
174 74.3 0.2 0.4#  
176 72.7 0.2 0.2#

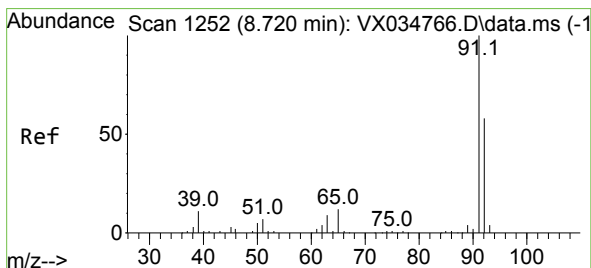
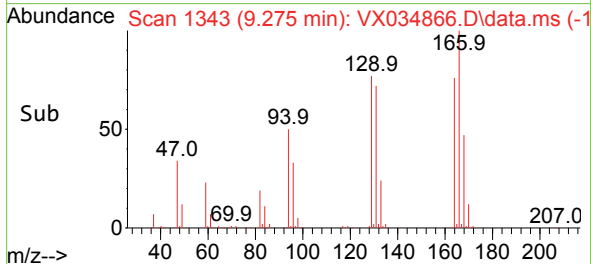
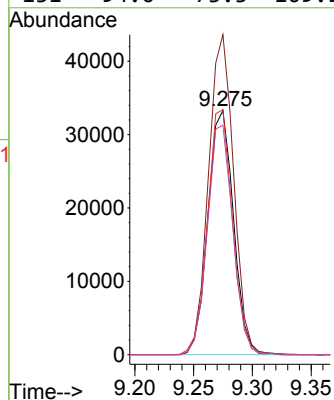
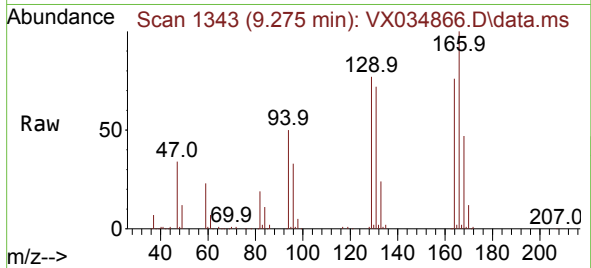




#61  
Tetrachloroethene  
Concen: 20.489 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

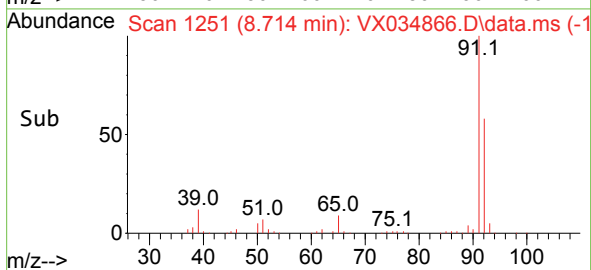
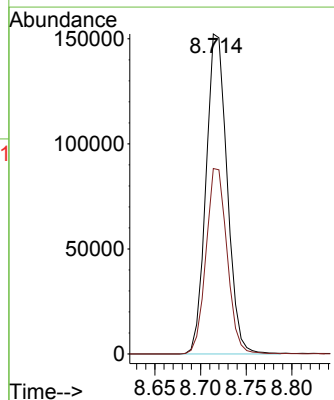
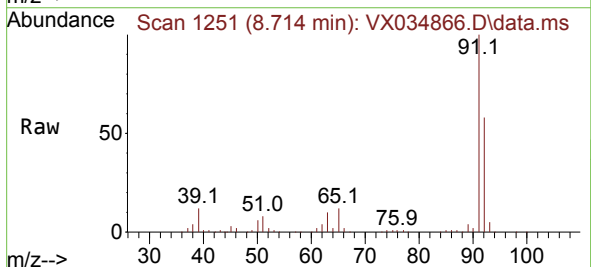
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

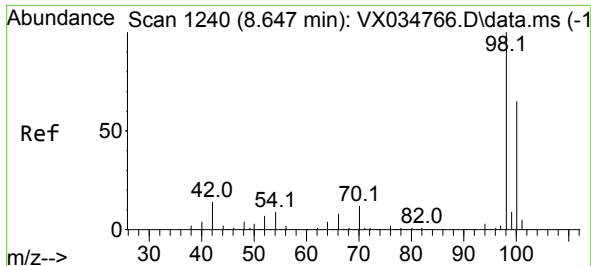
Tgt Ion:164 Resp: 50426  
Ion Ratio Lower Upper  
164 100  
166 131.1 100.1 150.1  
129 100.1 79.1 118.7  
131 94.0 73.3 109.9



#62  
Toluene  
Concen: 20.469 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.006 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 91 Resp: 244471  
Ion Ratio Lower Upper  
91 100  
92 57.8 46.5 69.7

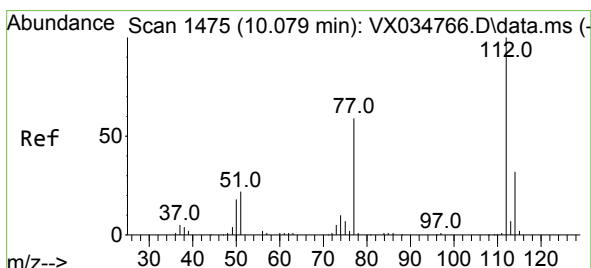
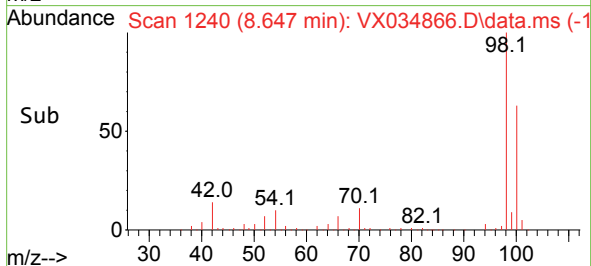
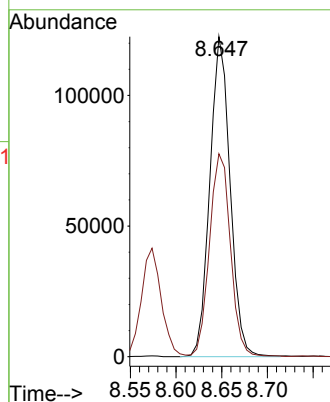
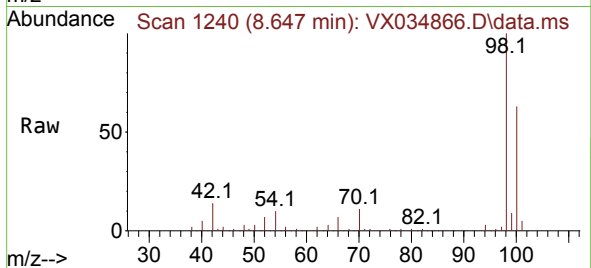




#63  
Toluene-d8  
Concen: 30.318 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

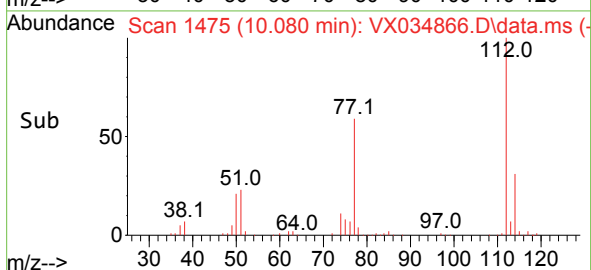
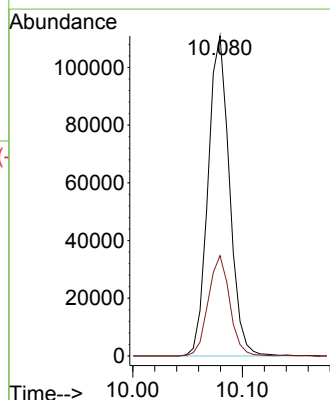
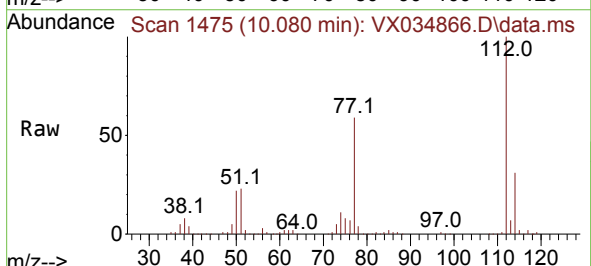
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

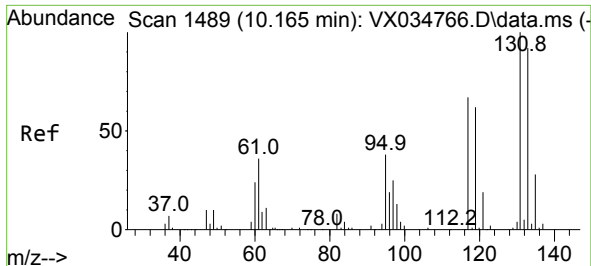
Tgt Ion: 98 Resp: 188189  
Ion Ratio Lower Upper  
98 100  
100 65.9 52.1 78.1



#64  
Chlorobenzene  
Concen: 20.461 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.001 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 112 Resp: 150492  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.8 38.8

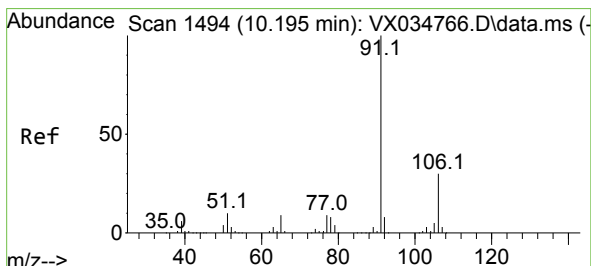
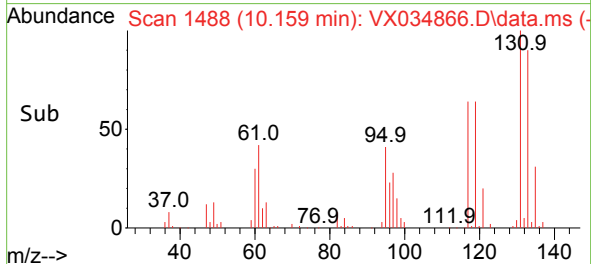
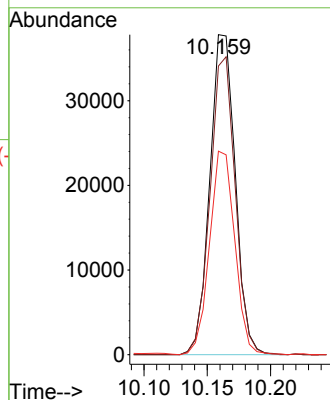
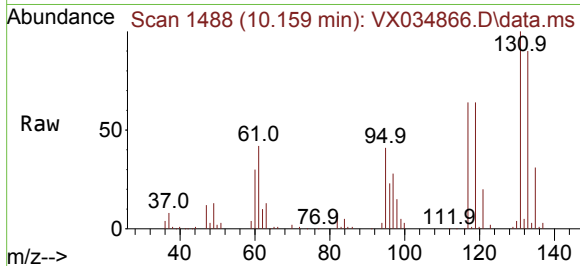




#65  
1,1,1,2-Tetrachloroethane  
Concen: 20.121 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

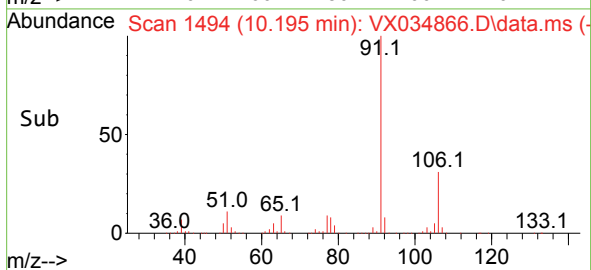
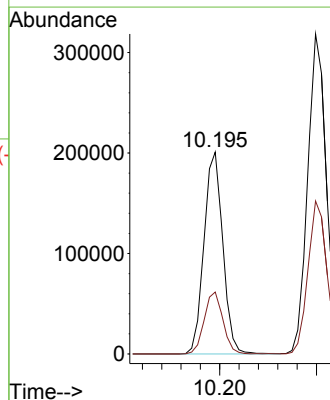
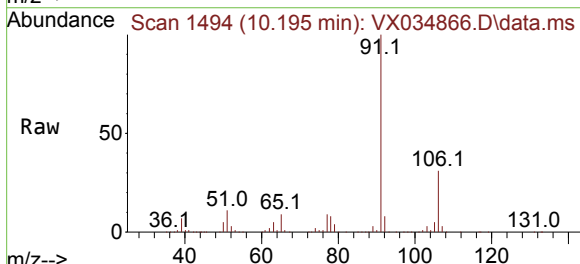
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

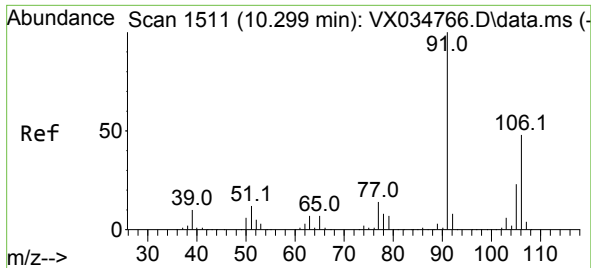
Tgt Ion:131 Resp: 52905  
Ion Ratio Lower Upper  
131 100  
133 92.3 0.0 186.6  
119 63.1 0.0 128.6



#66  
Ethyl Benzene  
Concen: 20.432 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 91 Resp: 271795  
Ion Ratio Lower Upper  
91 100  
106 30.7 24.4 36.6

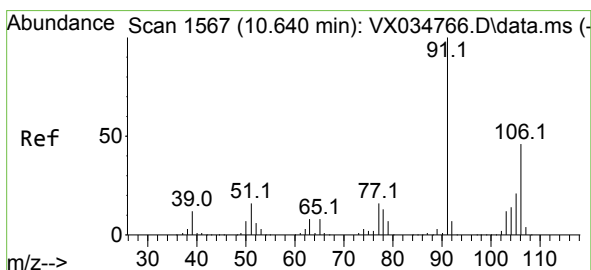
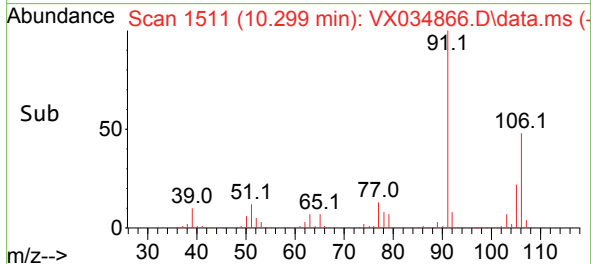
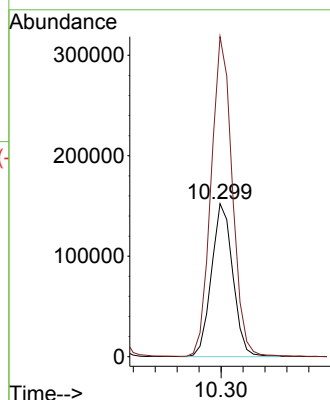
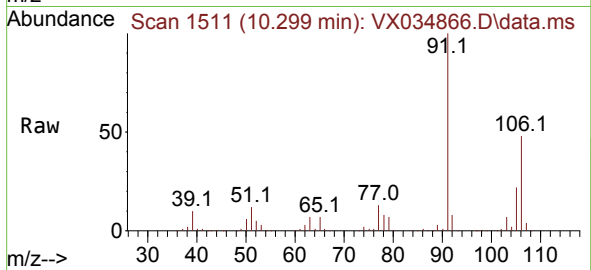




#67  
m/p-Xylenes  
Concen: 40.788 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

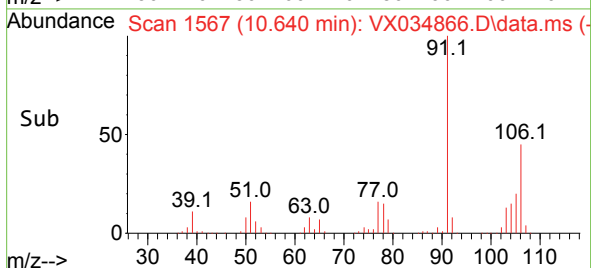
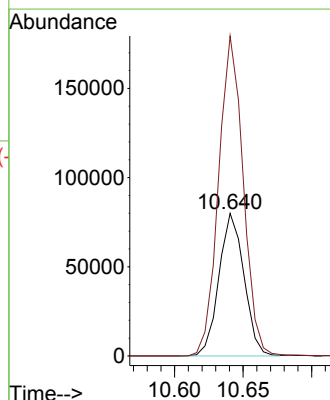
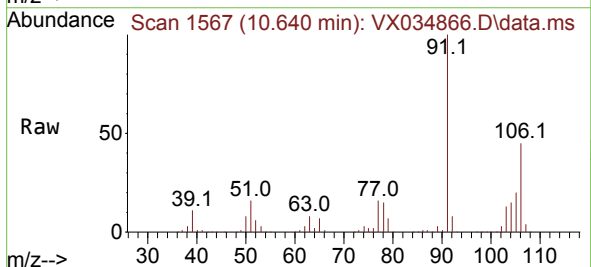
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

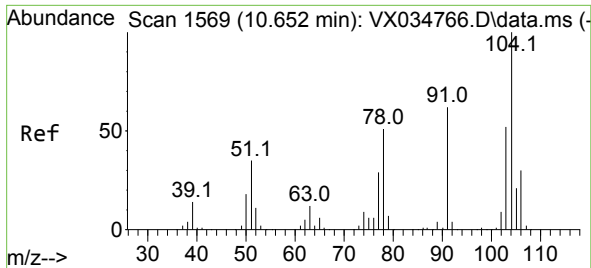
Tgt Ion:106 Resp: 206446  
Ion Ratio Lower Upper  
106 100  
91 207.9 167.4 251.2



#68  
o-Xylene  
Concen: 20.340 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion:106 Resp: 101808  
Ion Ratio Lower Upper  
106 100  
91 220.4 108.9 326.8

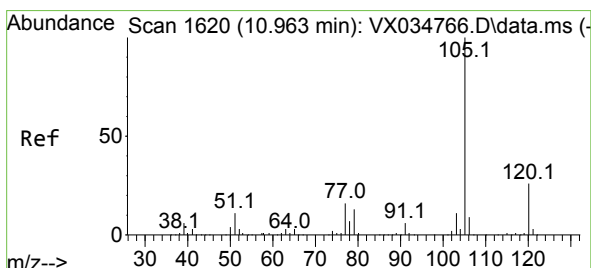
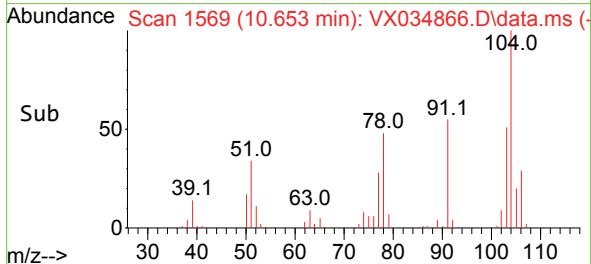
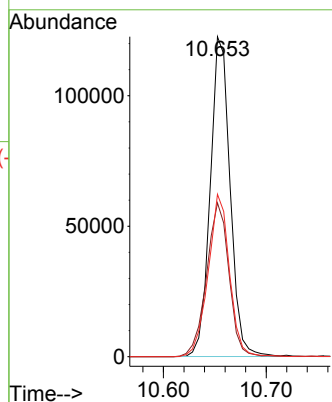
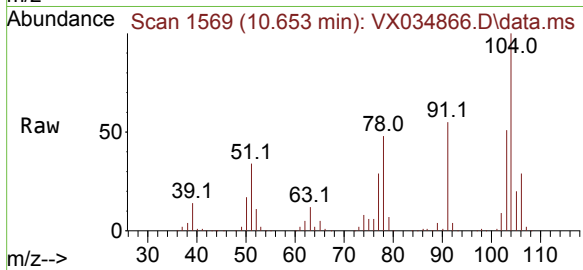




#69  
Styrene  
Concen: 19.938 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.001 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

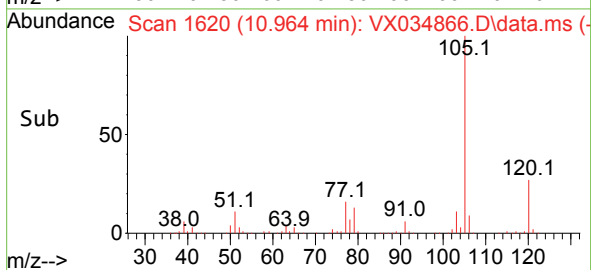
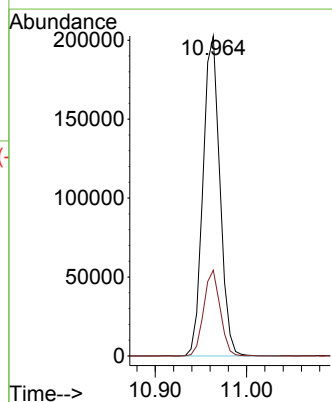
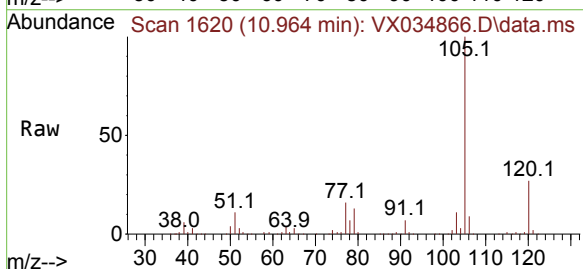
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

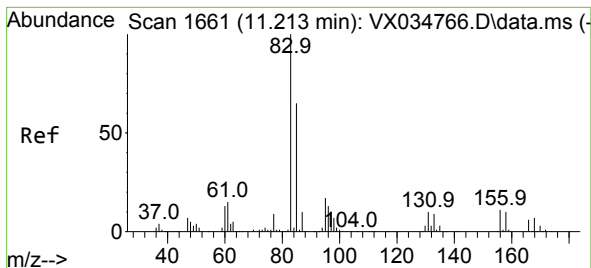
Tgt Ion:104 Resp: 164521  
Ion Ratio Lower Upper  
104 100  
78 54.0 42.8 64.2  
103 54.6 43.8 65.8



#70  
Isopropylbenzene  
Concen: 20.023 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.001 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion:105 Resp: 259384  
Ion Ratio Lower Upper  
105 100  
120 26.2 18.5 34.3

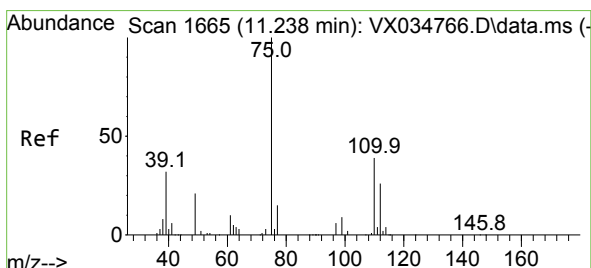
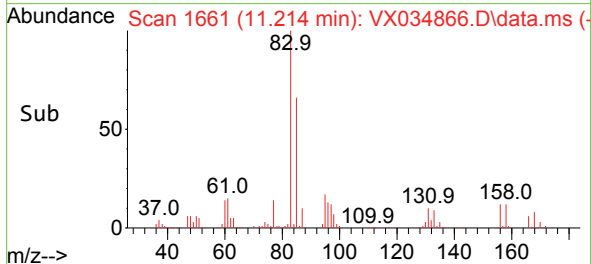
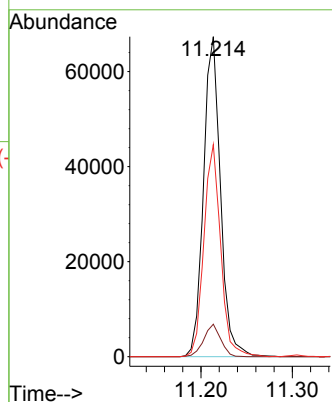
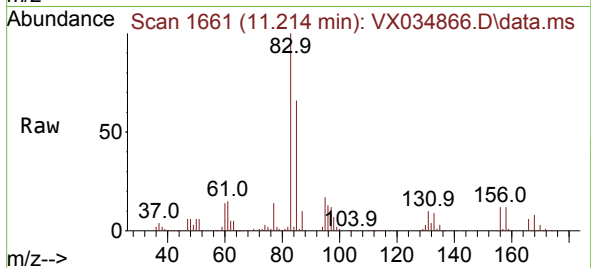




#71  
1,1,2,2-Tetrachloroethane  
Concen: 20.396 ug/l  
RT: 11.214 min Scan# 1661  
Delta R.T. 0.001 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

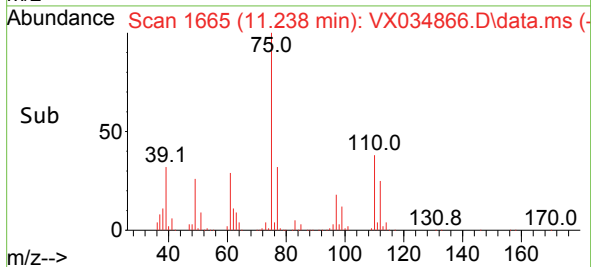
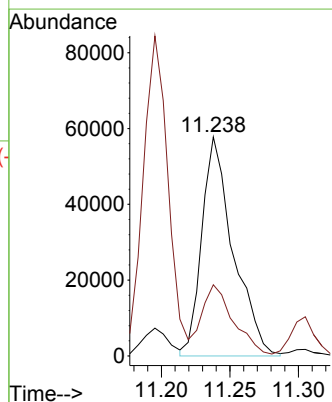
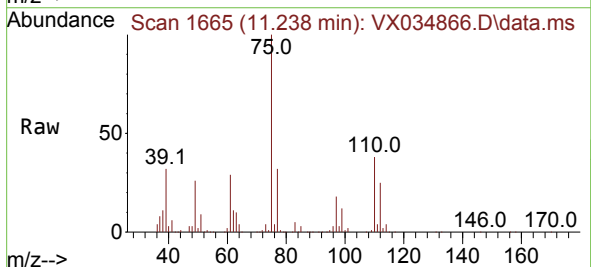
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

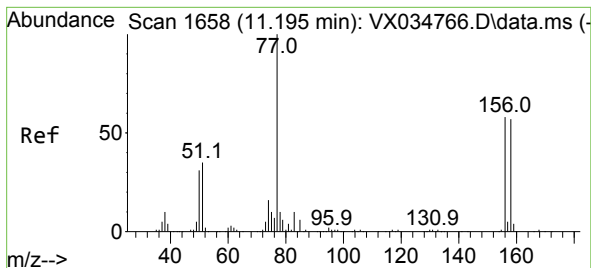
Tgt Ion: 83 Resp: 86848  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.1 15.2  
85 65.4 31.9 95.5



#72  
1,2,3-Trichloropropane  
Concen: 23.775 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 75 Resp: 92155  
Ion Ratio Lower Upper  
75 100  
77 32.9 0.0 73.8





#73

Bromobenzene

Concen: 20.081 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Instrument :

MSVOA\_X

ClientSampleId :

VX0331WBS01

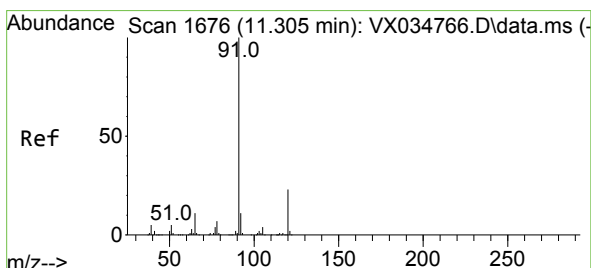
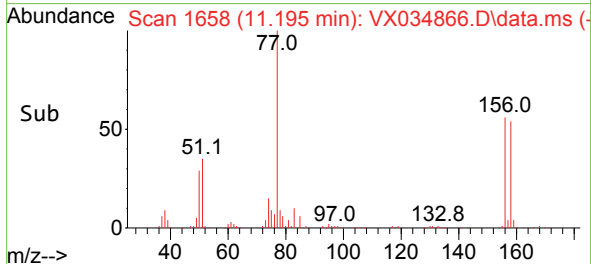
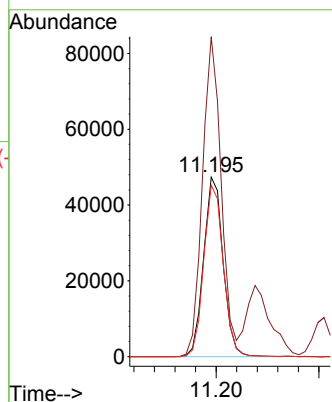
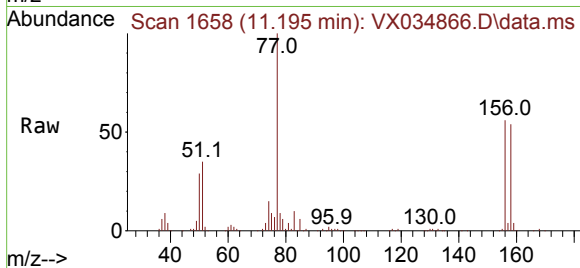
Tgt Ion:156 Resp: 62474

Ion Ratio Lower Upper

156 100

77 170.6 0.0 330.8

158 95.6 0.0 193.4



#74

n-propylbenzene

Concen: 19.876 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX034866.D

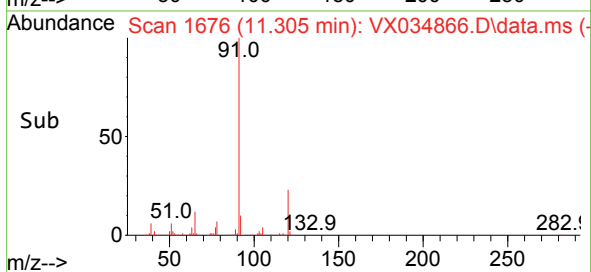
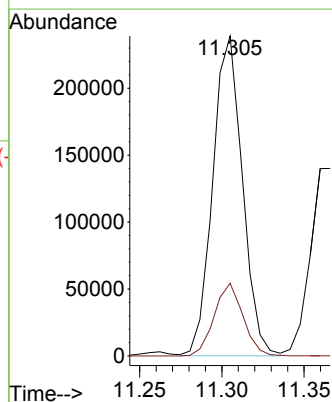
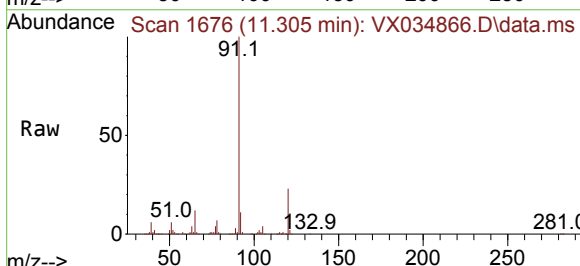
Acq: 31 Mar 2023 10:23

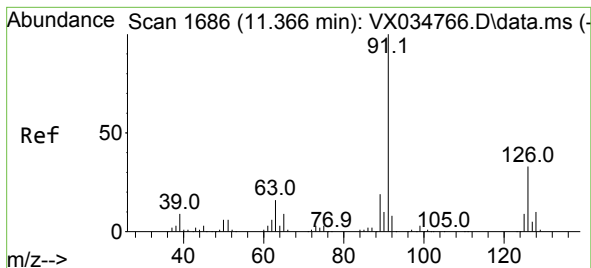
Tgt Ion: 91 Resp: 299727

Ion Ratio Lower Upper

91 100

120 22.0 0.0 44.8

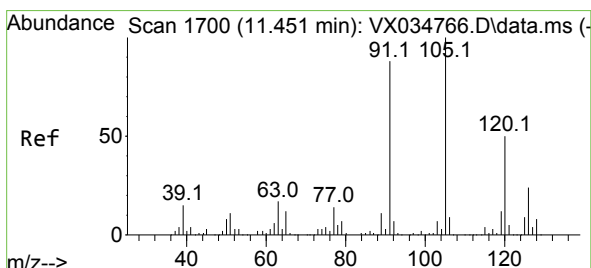
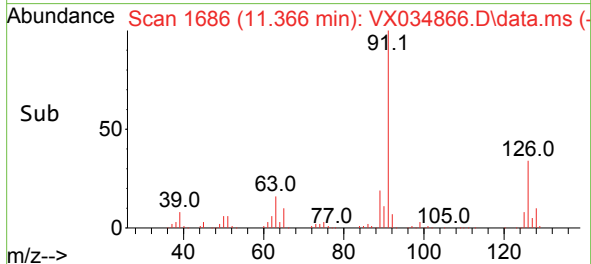
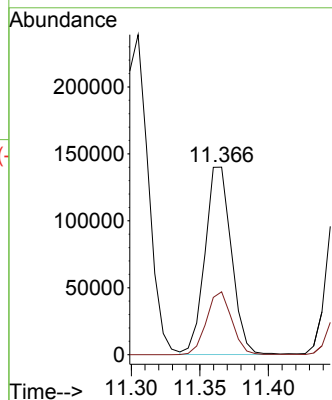
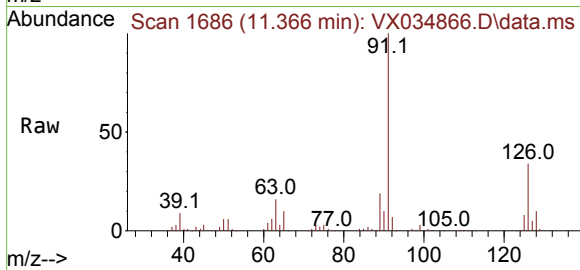




#75  
2-Chlorotoluene  
Concen: 20.039 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

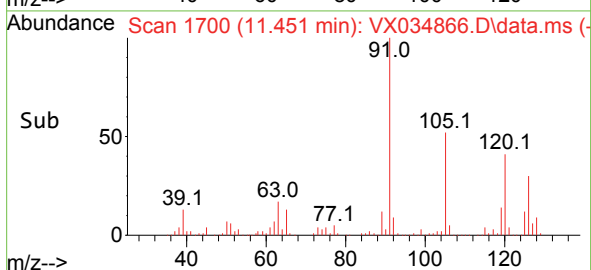
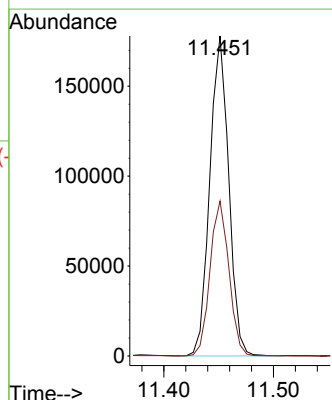
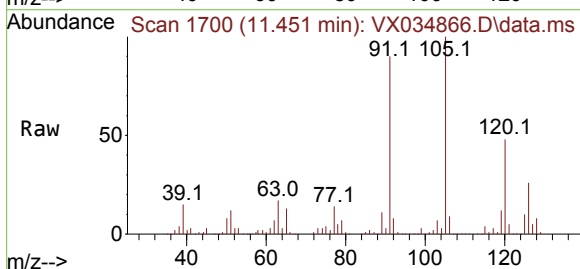
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

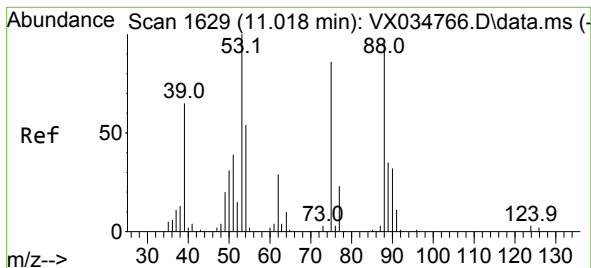
Tgt Ion: 91 Resp: 188391  
Ion Ratio Lower Upper  
91 100  
126 32.1 0.0 66.4



#76  
1,3,5-Trimethylbenzene  
Concen: 19.545 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 105 Resp: 213140  
Ion Ratio Lower Upper  
105 100  
120 48.3 0.0 96.4

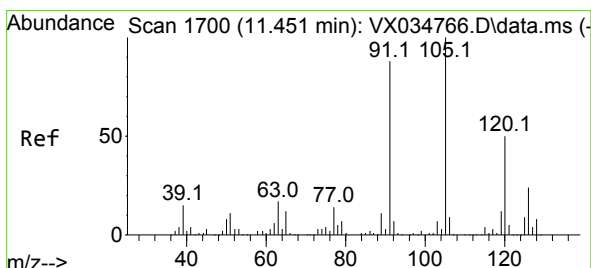
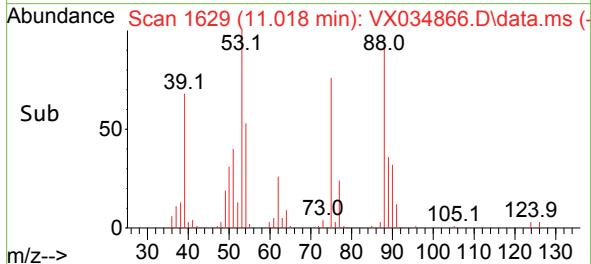
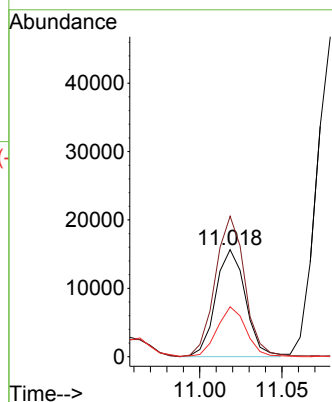
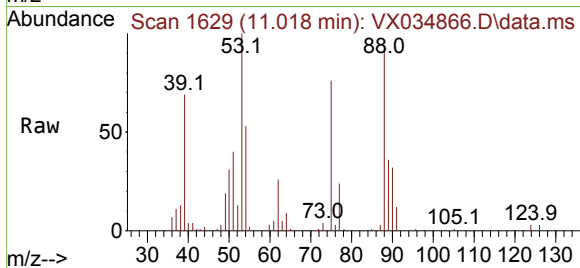




#77  
t-1,4-Dichloro-2-butene  
Concen: 16.640 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

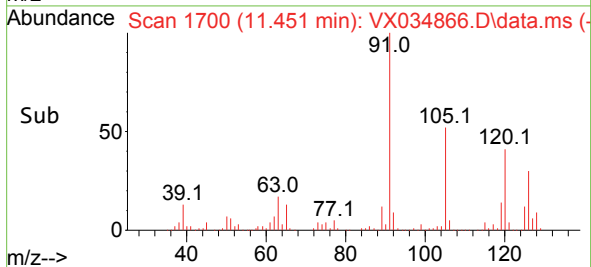
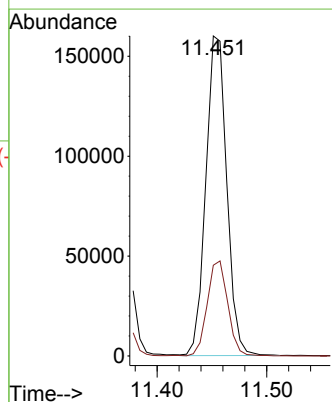
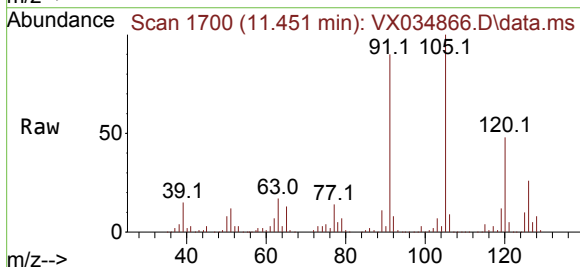
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

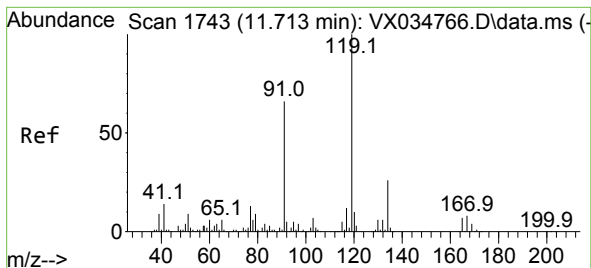
Tgt Ion: 75 Resp: 19808  
Ion Ratio Lower Upper  
75 100  
53 131.4 58.2 174.6  
89 46.2 20.6 61.8



#78  
4-Chlorotoluene  
Concen: 19.662 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 91 Resp: 211913  
Ion Ratio Lower Upper  
91 100  
126 29.2 0.0 56.8





#79

tert-butylbenzene

Concen: 19.403 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Instrument :

MSVOA\_X

ClientSampleId :

VX0331WBS01

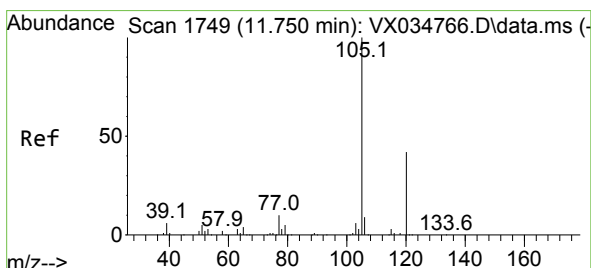
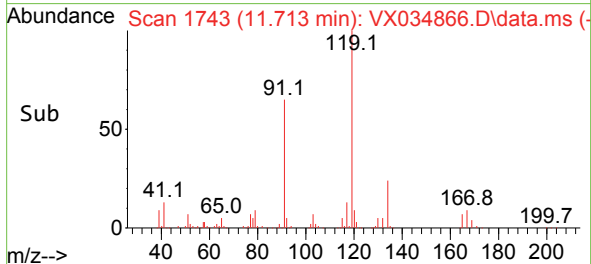
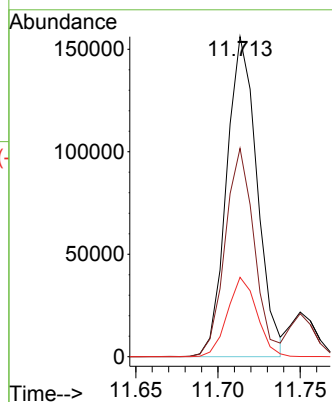
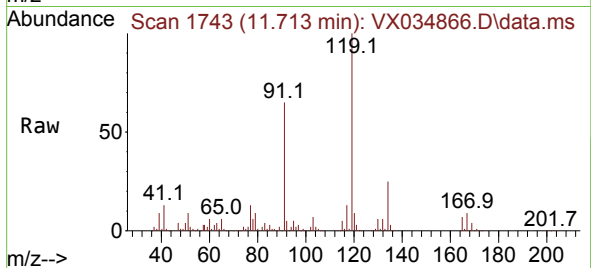
Tgt Ion:119 Resp: 201980

Ion Ratio Lower Upper

119 100

91 62.3 0.0 122.4

134 24.0 0.0 49.2



#80

1,2,4-Trimethylbenzene

Concen: 19.778 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX034866.D

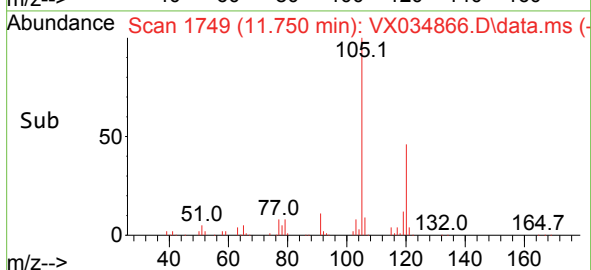
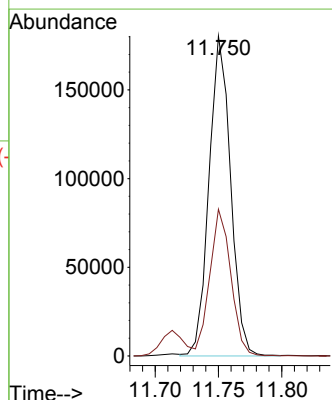
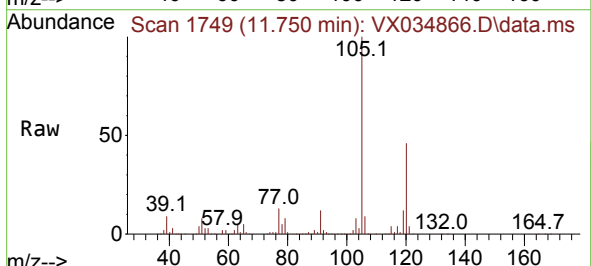
Acq: 31 Mar 2023 10:23

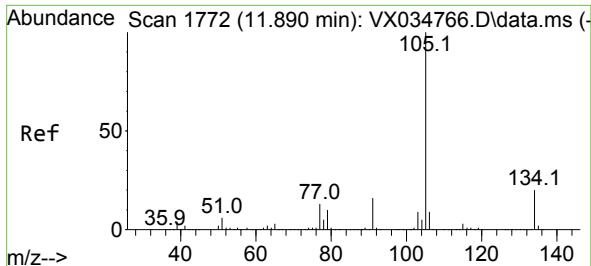
Tgt Ion:105 Resp: 214325

Ion Ratio Lower Upper

105 100

120 44.6 0.0 90.4

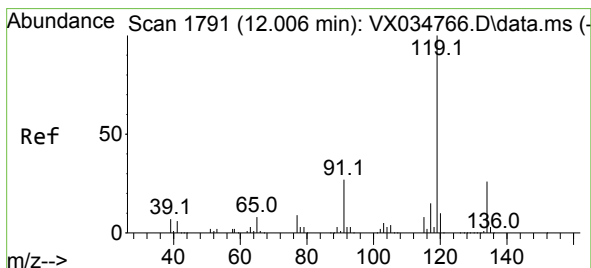
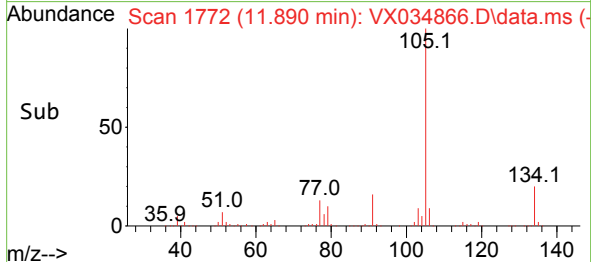
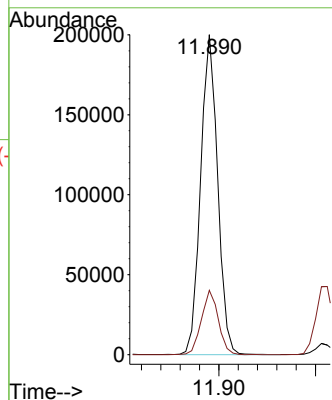
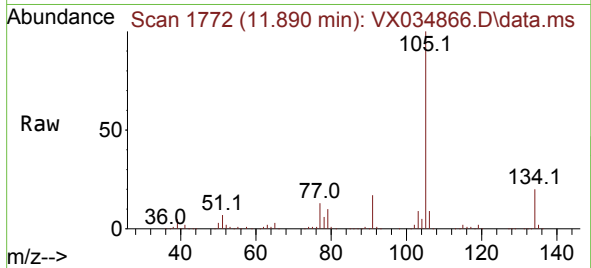




#81  
 sec-Butylbenzene  
 Concen: 19.415 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX034866.D  
 Acq: 31 Mar 2023 10:23

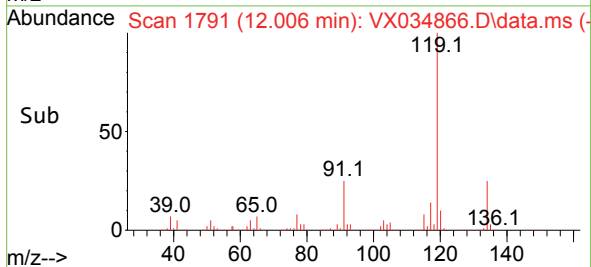
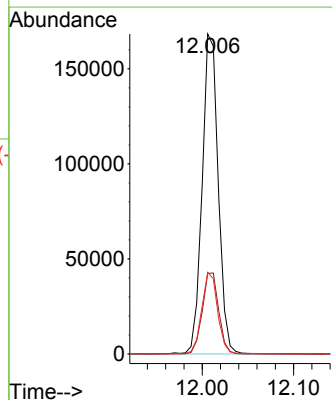
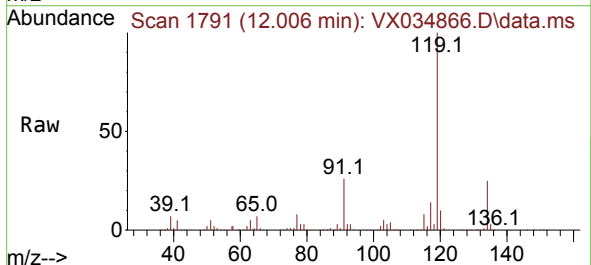
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0331WBS01

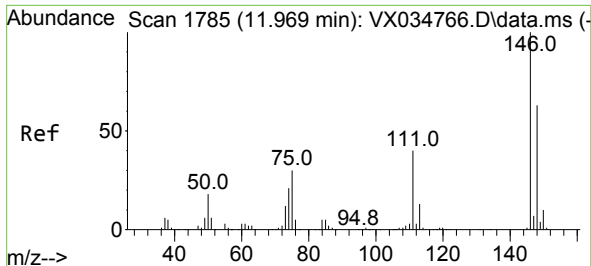
Tgt Ion:105 Resp: 244899  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 0.0 40.2



#82  
 p-Isopropyltoluene  
 Concen: 19.331 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX034866.D  
 Acq: 31 Mar 2023 10:23

Tgt Ion:119 Resp: 205763  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 0.0 52.2  
 91 25.2 0.0 51.0

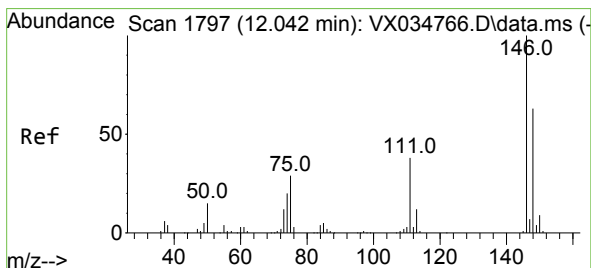
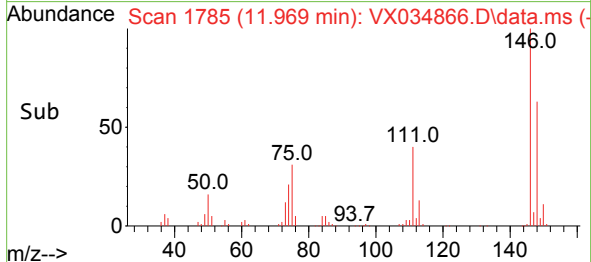
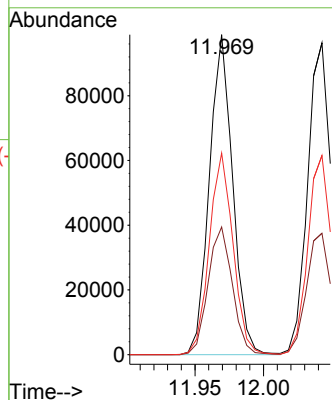
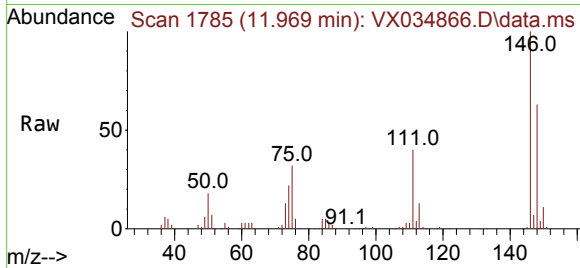




#83  
1,3-Dichlorobenzene  
Concen: 19.912 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

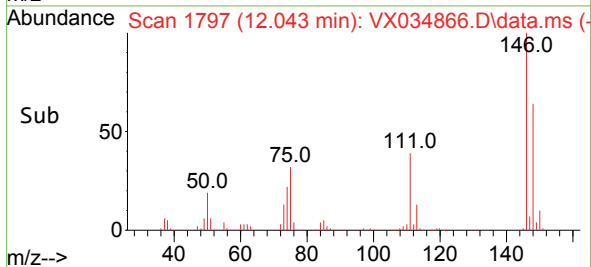
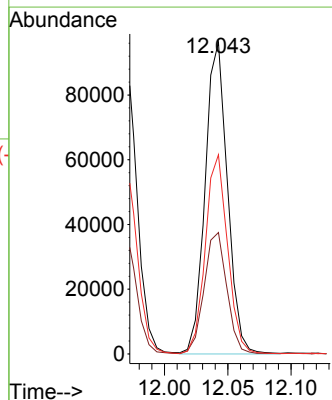
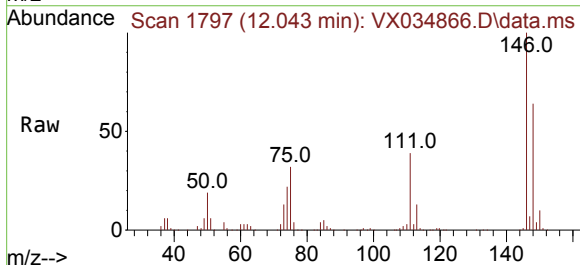
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

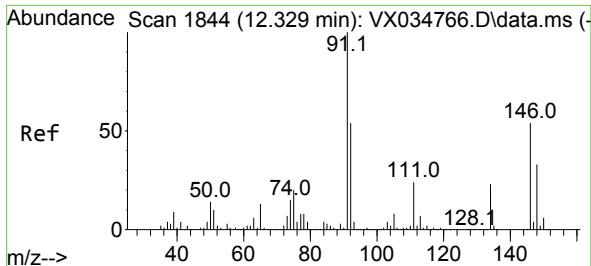
Tgt Ion:146 Resp: 116988  
Ion Ratio Lower Upper  
146 100  
111 41.6 20.6 61.9  
148 64.3 31.6 94.7



#84  
1,4-Dichlorobenzene  
Concen: 20.081 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.001 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion:146 Resp: 118479  
Ion Ratio Lower Upper  
146 100  
111 39.4 20.3 60.9  
148 63.7 31.8 95.3

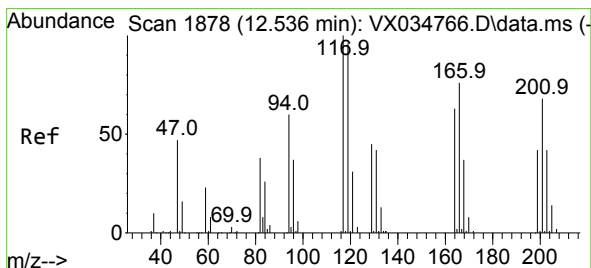
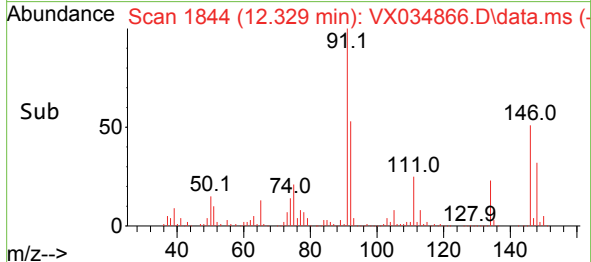
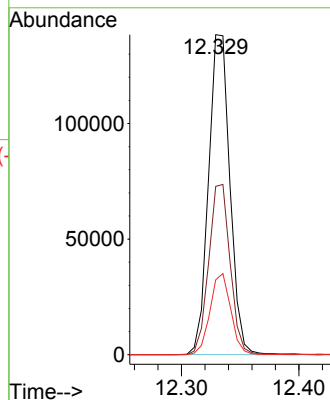
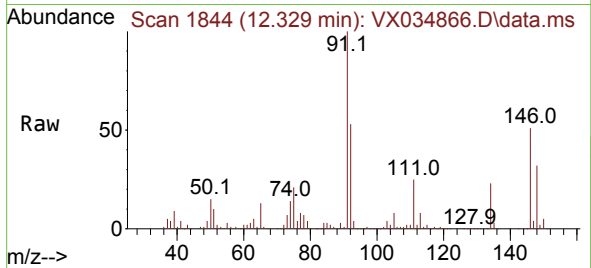




#85  
n-Butylbenzene  
Concen: 19.071 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

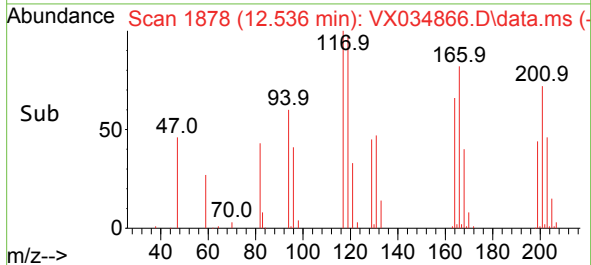
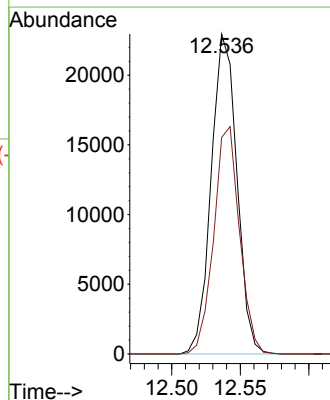
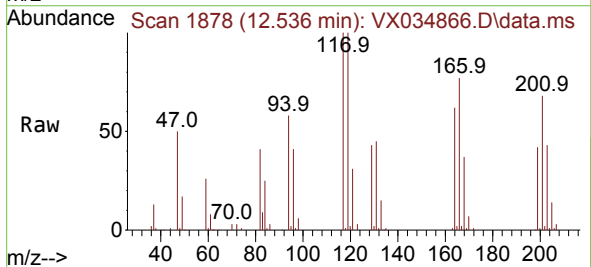
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

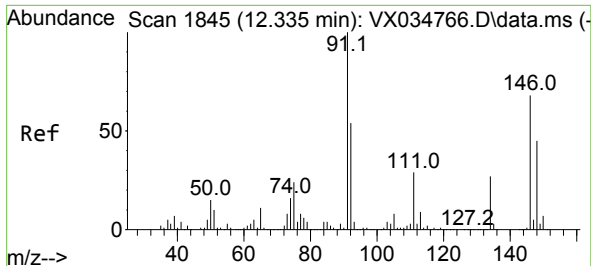
Tgt Ion: 91 Resp: 174949  
Ion Ratio Lower Upper  
91 100  
92 53.5 0.0 107.6  
134 24.6 0.0 49.8



#86  
Hexachloroethane  
Concen: 17.124 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 117 Resp: 29854  
Ion Ratio Lower Upper  
117 100  
201 71.5 35.4 106.2

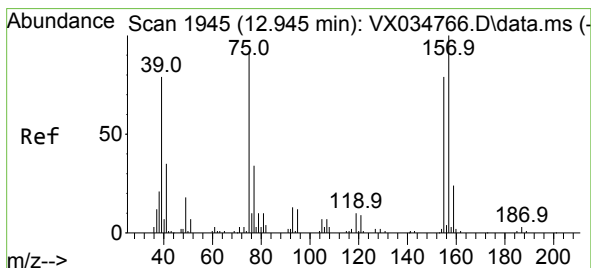
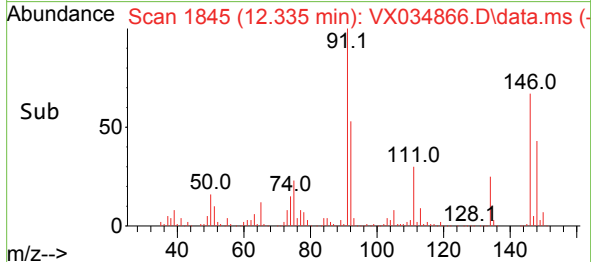
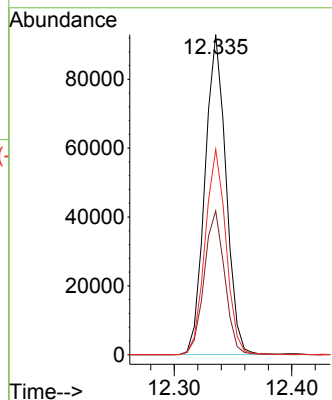
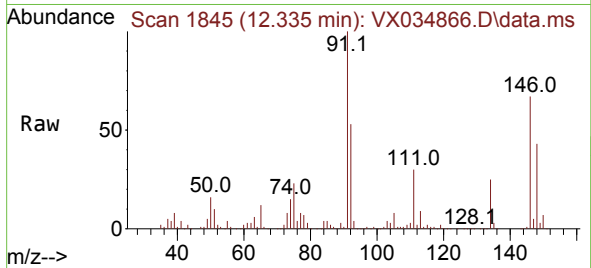




#87  
1,2-Dichlorobenzene  
Concen: 20.105 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

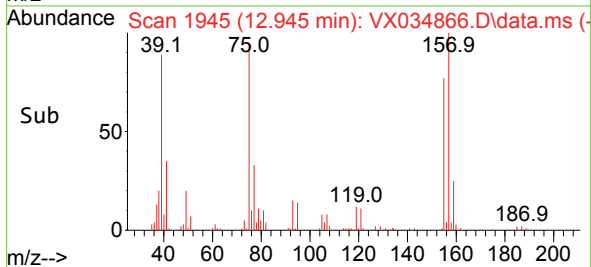
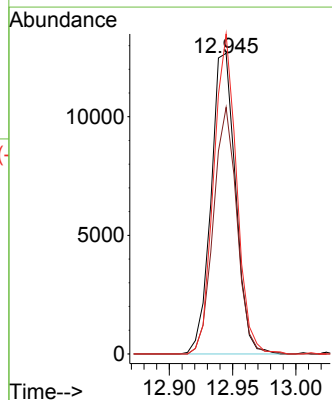
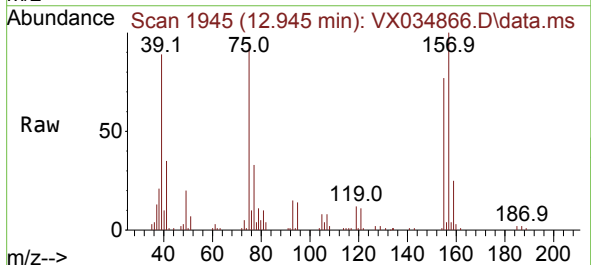
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

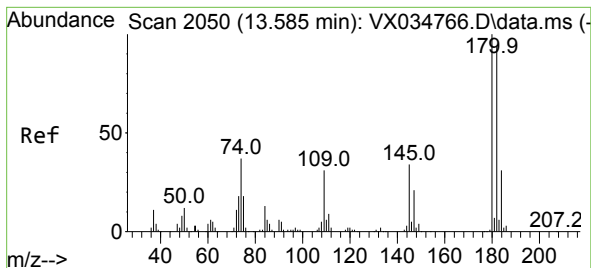
Tgt Ion:146 Resp: 115579  
Ion Ratio Lower Upper  
146 100  
111 44.0 21.3 64.0  
148 63.7 31.7 95.1



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 18.416 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion: 75 Resp: 17136  
Ion Ratio Lower Upper  
75 100  
155 78.3 63.7 95.5  
157 98.9 83.7 125.5





#89

1,2,4-Trichlorobenzene

Concen: 19.124 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Instrument :

MSVOA\_X

ClientSampleId :

VX0331WBS01

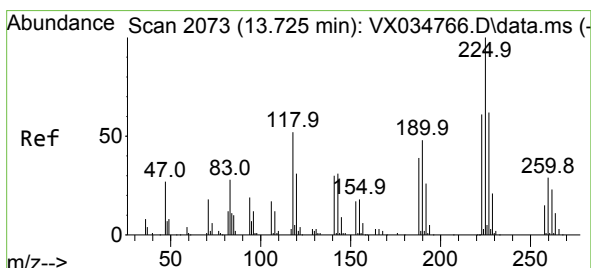
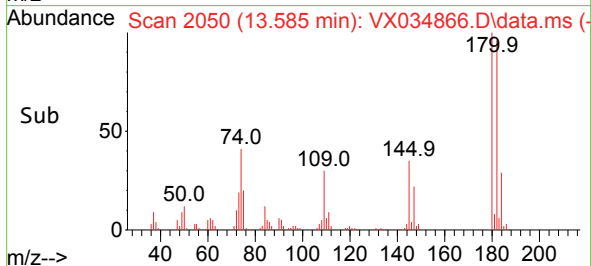
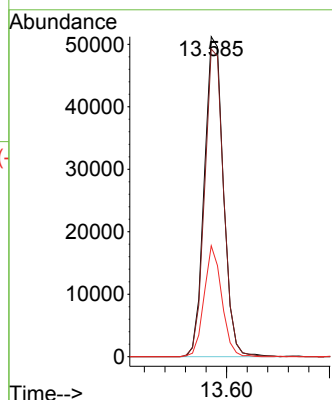
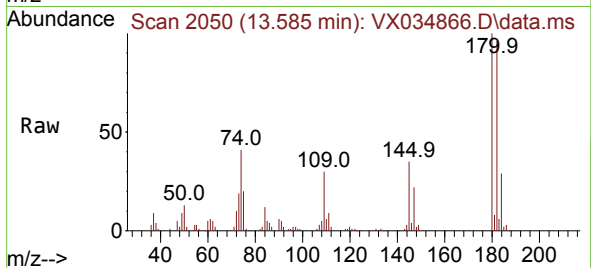
Tgt Ion:180 Resp: 65951

Ion Ratio Lower Upper

180 100

182 96.1 75.8 113.8

145 32.1 25.8 38.6



#90

Hexachlorobutadiene

Concen: 19.533 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

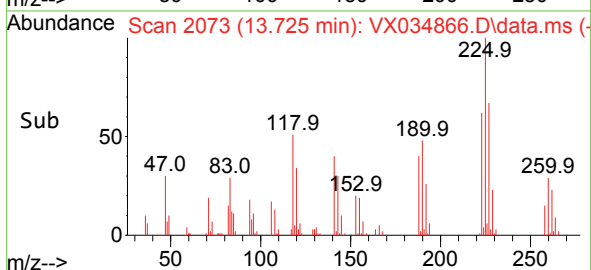
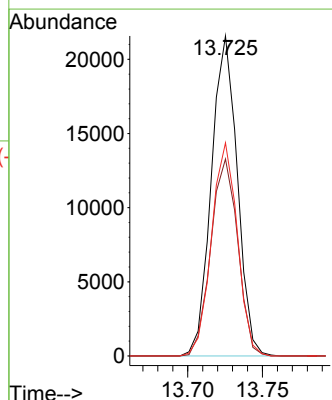
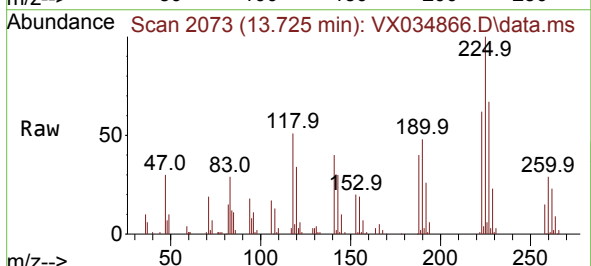
Tgt Ion:225 Resp: 25978

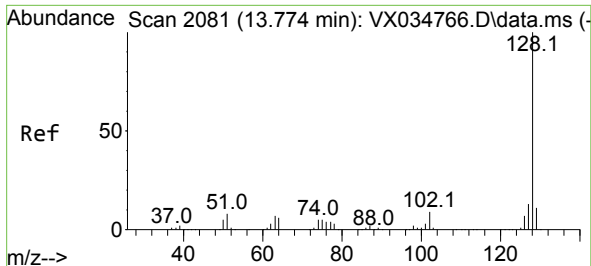
Ion Ratio Lower Upper

225 100

223 63.9 0.0 124.2

227 66.5 0.0 122.8

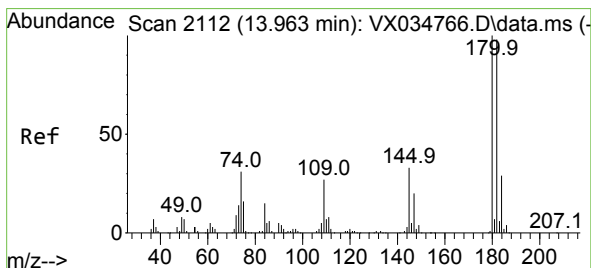
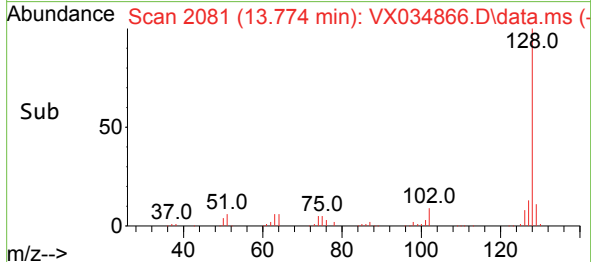
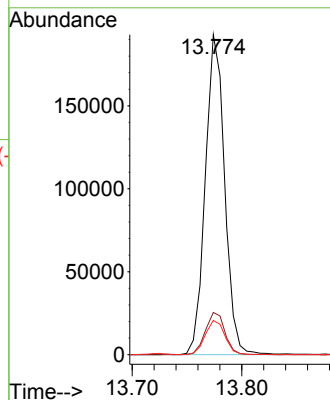
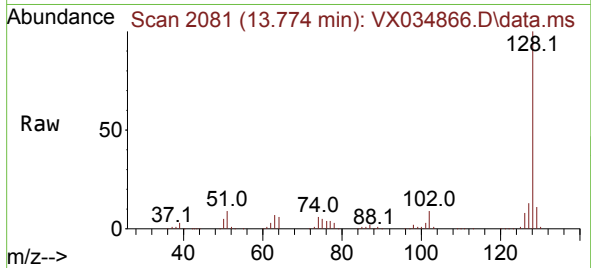




#91  
Naphthalene  
Concen: 19.443 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0331WBS01

Tgt Ion:128 Resp: 236904  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.3 15.5  
129 10.9 8.8 13.2



#92  
1,2,3-Trichlorobenzene  
Concen: 19.073 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX034866.D  
Acq: 31 Mar 2023 10:23

Tgt Ion:180 Resp: 65757  
Ion Ratio Lower Upper  
180 100  
182 96.2 0.0 191.0  
145 33.4 0.0 66.8

