

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101023\  
 Data File : VX038190.D  
 Acq On : 10 Oct 2023 10:55  
 Operator : JC/MD  
 Sample : VX1010WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 11 01:34:27 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 05 15:27:13 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.556  | 168   | 128188   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 212967   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 209687   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 116303   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 101847   | 49.397   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 98.800%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 79414    | 51.750   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 103.500% |
| 50) Toluene-d8               | 8.646  | 98    | 290252   | 49.498   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 99.000%  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 113236   | 50.937   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 101.880% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 26129    | 21.117   | ug/l   | 98       |
| 3) Chloromethane             | 1.300  | 50    | 24584    | 19.494   | ug/l   | 95       |
| 4) Vinyl Chloride            | 1.373  | 62    | 27219    | 19.466   | ug/l   | 98       |
| 5) Bromomethane              | 1.605  | 94    | 27937    | 14.609   | ug/l   | 97       |
| 6) Chloroethane              | 1.684  | 64    | 19555    | 19.178   | ug/l   | 91       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 54802    | 19.842   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.135  | 74    | 20471    | 19.874   | ug/l   | 81       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 25465    | 21.120   | ug/l   | 99       |
| 10) Methyl Iodide            | 2.452  | 142   | 33259    | 19.172   | ug/l   | 93       |
| 11) Tert butyl alcohol       | 2.952  | 59    | 43633    | 88.712   | ug/l # | 94       |
| 12) 1,1-Dichloroethene       | 2.318  | 96    | 23240    | 19.816   | ug/l   | 94       |
| 13) Acrolein                 | 2.233  | 56    | 40160    | 137.013  | ug/l   | 99       |
| 14) Allyl chloride           | 2.666  | 41    | 38977    | 18.580   | ug/l   | 94       |
| 15) Acrylonitrile            | 3.062  | 53    | 94369    | 100.575  | ug/l   | 99       |
| 16) Acetone                  | 2.373  | 43    | 89597    | 104.122  | ug/l   | 91       |
| 17) Carbon Disulfide         | 2.513  | 76    | 58578    | 17.329   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.702  | 43    | 74127    | 20.088   | ug/l   | 93       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 91311    | 19.549   | ug/l   | 98       |
| 20) Methylene Chloride       | 2.788  | 84    | 29459    | 18.200   | ug/l   | 93       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 28114    | 19.361   | ug/l   | 90       |
| 22) Diisopropyl ether        | 3.757  | 45    | 84577    | 19.237   | ug/l # | 95       |
| 23) Vinyl Acetate            | 3.721  | 43    | 320034   | 99.259   | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 51453    | 19.284   | ug/l   | 99       |
| 25) 2-Butanone               | 4.550  | 43    | 138996   | 100.113  | ug/l # | 90       |
| 26) 2,2-Dichloropropane      | 4.476  | 77    | 39824    | 19.117   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 4.483  | 96    | 33299    | 19.254   | ug/l   | 92       |
| 28) Bromochloromethane       | 4.903  | 49    | 22824    | 18.949   | ug/l   | 89       |
| 29) Tetrahydrofuran          | 5.001  | 42    | 86167    | 95.325   | ug/l   | 88       |
| 30) Chloroform               | 5.092  | 83    | 57565    | 19.729   | ug/l   | 96       |
| 31) Cyclohexane              | 5.470  | 56    | 42915    | 19.211   | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 48030    | 19.219   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 41436    | 19.581   | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.708  | 43    | 48819    | 19.425   | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 41259    | 19.820   | ug/l   | 92       |
| 39) Methylcyclohexane        | 7.378  | 83    | 48695    | 19.646   | ug/l   | 91       |
| 40) Benzene                  | 6.037  | 78    | 119297   | 20.156   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101023\  
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 Acq On : 10 Oct 2023 10:55  
 Operator : JC/MD  
 Sample : VX1010WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 11 01:34:27 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 05 15:27:13 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 41) Methacrylonitrile         | 4.915  | 41   | 24321    | 19.453  | ug/l  | # 85     |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 48238    | 20.399  | ug/l  | 98       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 76199    | 20.310  | ug/l  | 98       |
| 44) Trichloroethene           | 7.128  | 130  | 31709    | 20.483  | ug/l  | 95       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 30812    | 20.114  | ug/l  | 96       |
| 46) Dibromomethane            | 7.580  | 93   | 23839    | 20.065  | ug/l  | 96       |
| 47) Bromodichloromethane      | 7.823  | 83   | 43044    | 20.365  | ug/l  | 99       |
| 48) Methyl methacrylate       | 7.689  | 41   | 35592    | 19.872  | ug/l  | 86       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 18270    | 413.955 | ug/l  | # 87     |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 265052   | 102.422 | ug/l  | 98       |
| 52) Toluene                   | 8.720  | 92   | 76842    | 19.931  | ug/l  | 94       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 45589    | 20.095  | ug/l  | 97       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 48197    | 20.220  | ug/l  | 92       |
| 55) 1,1,2-Trichloroethane     | 9.152  | 97   | 33689    | 20.429  | ug/l  | 94       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 49548    | 19.596  | ug/l  | 93       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 53792    | 20.168  | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 125453   | 101.081 | ug/l  | 98       |
| 59) 2-Hexanone                | 9.427  | 43   | 219887   | 105.693 | ug/l  | 97       |
| 60) Dibromochloromethane      | 9.518  | 129  | 32622    | 20.212  | ug/l  | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 36330    | 20.372  | ug/l  | 99       |
| 64) Tetrachloroethene         | 9.274  | 164  | 26912    | 19.825  | ug/l  | 96       |
| 65) Chlorobenzene             | 10.079 | 112  | 85709    | 19.533  | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 30674    | 20.673  | ug/l  | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 151986   | 19.405  | ug/l  | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 117567   | 38.821  | ug/l  | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 57157    | 19.338  | ug/l  | 99       |
| 70) Styrene                   | 10.652 | 104  | 94833    | 19.702  | ug/l  | 98       |
| 71) Bromoform                 | 10.799 | 173  | 23895    | 19.229  | ug/l  | # 99     |
| 73) Isopropylbenzene          | 10.963 | 105  | 151732   | 19.454  | ug/l  | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 65365    | 19.625  | ug/l  | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 57870    | 20.220  | ug/l  | 98       |
| 76) 1,2,3-Trichloropropane    | 11.237 | 75   | 60219    | 22.776  | ug/l  | 92       |
| 77) Bromobenzene              | 11.195 | 156  | 37036    | 19.449  | ug/l  | 91       |
| 78) n-propylbenzene           | 11.305 | 91   | 185971   | 19.500  | ug/l  | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 107420   | 18.993  | ug/l  | 96       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 131840   | 19.593  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 14628    | 18.886  | ug/l  | 99       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 131244   | 19.610  | ug/l  | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 126745   | 19.276  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 130992   | 19.524  | ug/l  | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 167695   | 19.689  | ug/l  | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 139640   | 19.871  | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 73983    | 19.343  | ug/l  | 98       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 75660    | 19.376  | ug/l  | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 135059   | 19.298  | ug/l  | 96       |
| 90) Hexachloroethane          | 12.536 | 117  | 22367    | 19.197  | ug/l  | 95       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 72139    | 19.622  | ug/l  | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 13825    | 19.979  | ug/l  | 88       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 47590    | 19.300  | ug/l  | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 20020    | 20.172  | ug/l  | 98       |
| 95) Naphthalene               | 13.774 | 128  | 163664   | 19.059  | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 47326    | 19.822  | ug/l  | 99       |

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Acq On : 10 Oct 2023 10:55  
Operator : JC/MD  
Sample : VX1010WBSD01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 6 Sample Multiplier: 1

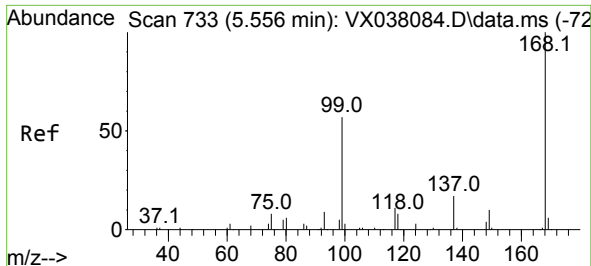
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Oct 11 01:34:27 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 05 15:27:13 2023  
Response via : Initial Calibration

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

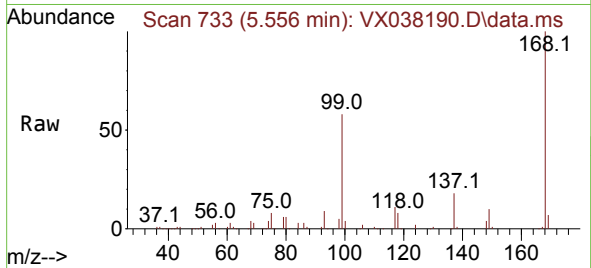
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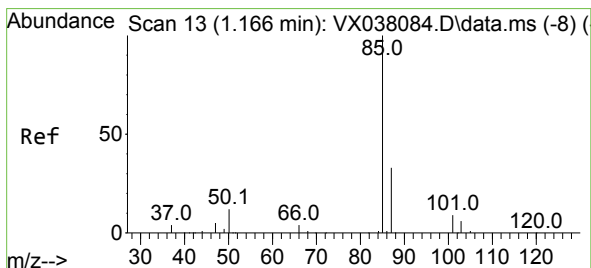
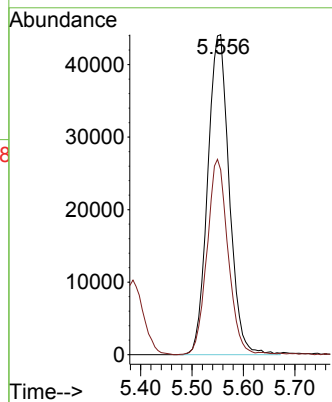
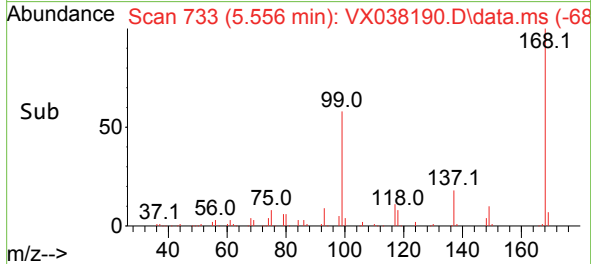


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Instrument :  
MSVOA\_X  
ClientSampleId :

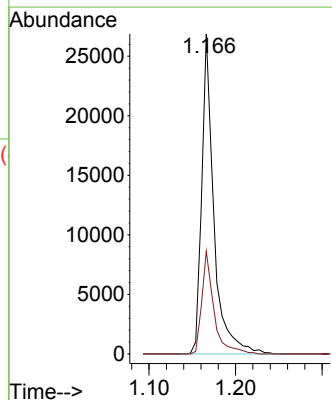
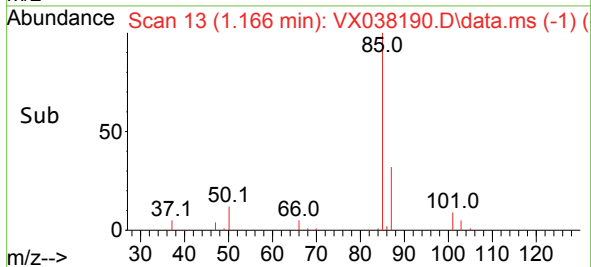
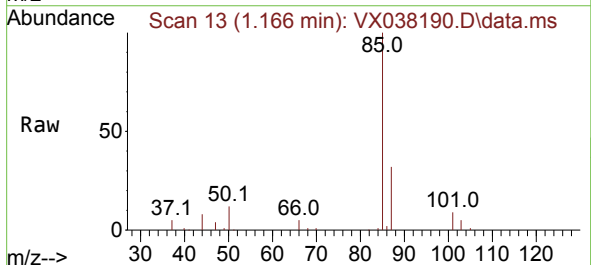


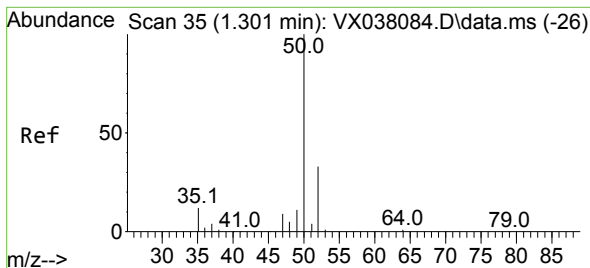
Tgt Ion:168 Resp: 128188  
Ion Ratio Lower Upper  
168 100  
99 57.6 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 21.117 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Tgt Ion: 85 Resp: 26129  
Ion Ratio Lower Upper  
85 100  
87 32.1 16.7 50.1





#3

Chloromethane

Concen: 19.494 ug/l

RT: 1.300 min Scan# 35

Delta R.T. -0.001 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

Instrument :

MSVOA\_X

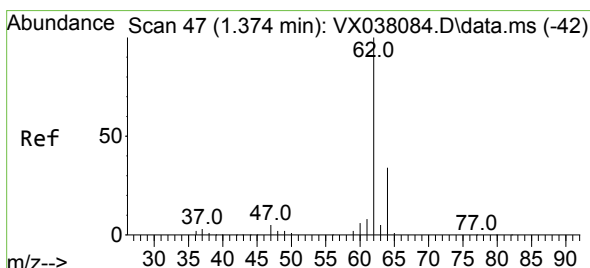
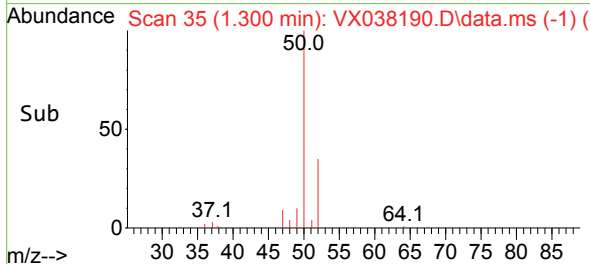
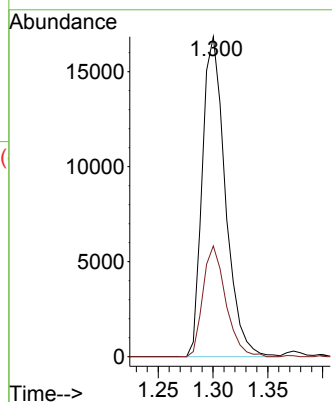
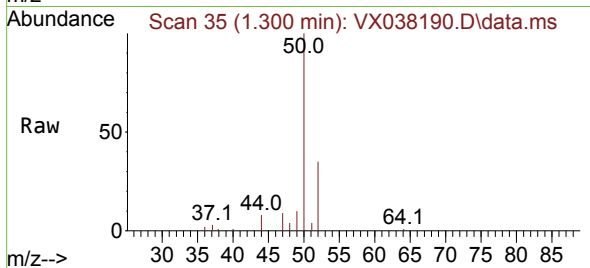
ClientSampleId :

Tgt Ion: 50 Resp: 24584

Ion Ratio Lower Upper

50 100

52 34.6 25.5 38.3



#4

Vinyl Chloride

Concen: 19.466 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.001 min

Lab File: VX038190.D

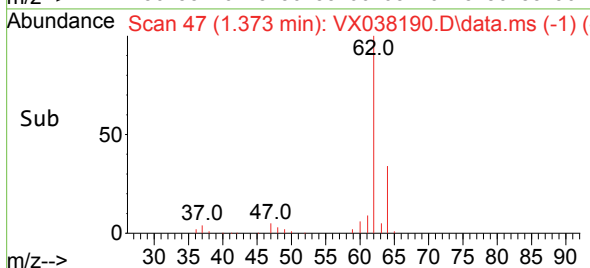
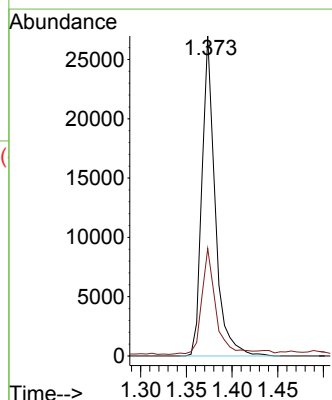
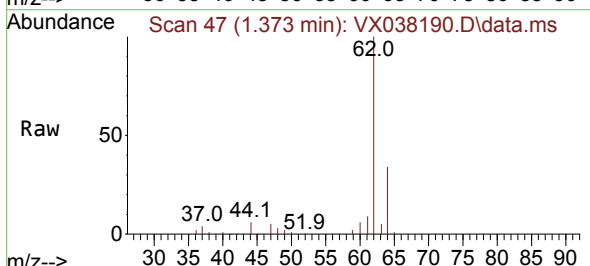
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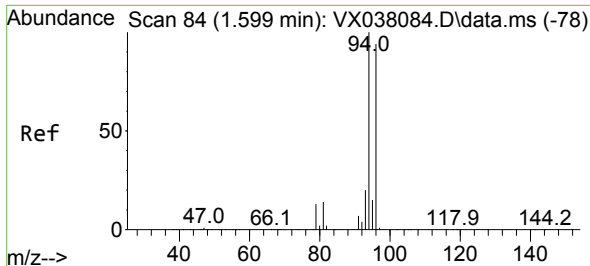
Tgt Ion: 62 Resp: 27219

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.0

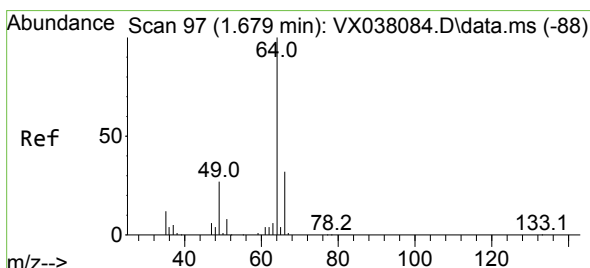
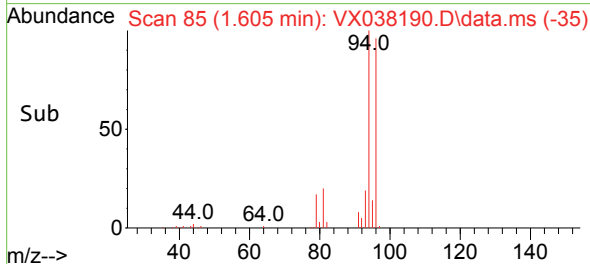
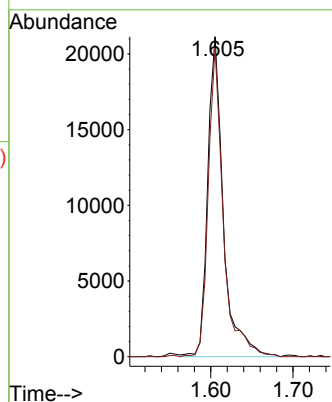
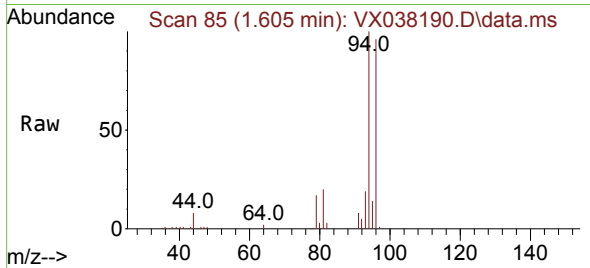




#5  
Bromomethane  
Concen: 14.609 ug/l  
RT: 1.605 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

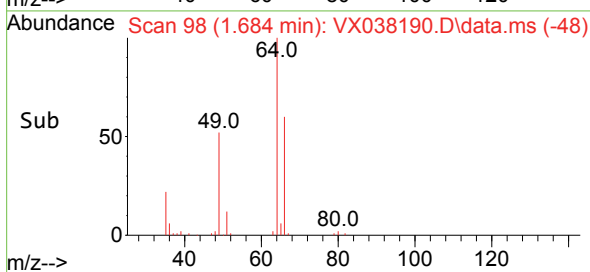
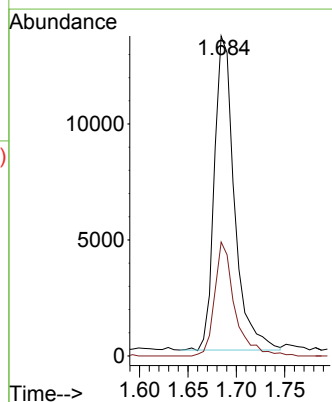
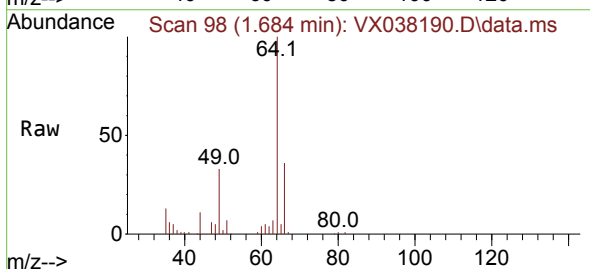
Instrument :  
MSVOA\_X  
ClientSampleId :

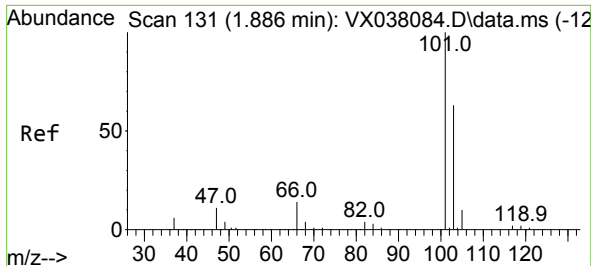
Tgt Ion: 94 Resp: 27937  
Ion Ratio Lower Upper  
94 100  
96 96.4 74.6 111.8



#6  
Chloroethane  
Concen: 19.178 ug/l  
RT: 1.684 min Scan# 98  
Delta R.T. 0.005 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Tgt Ion: 64 Resp: 19555  
Ion Ratio Lower Upper  
64 100  
66 36.3 25.1 37.7

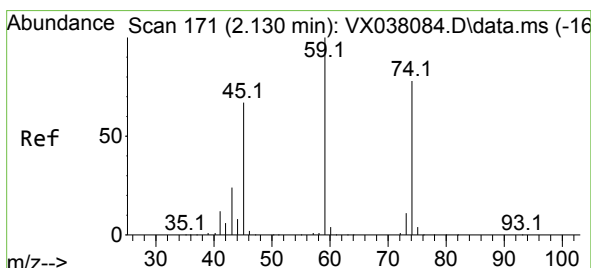
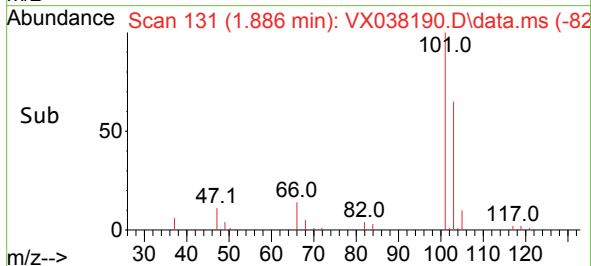
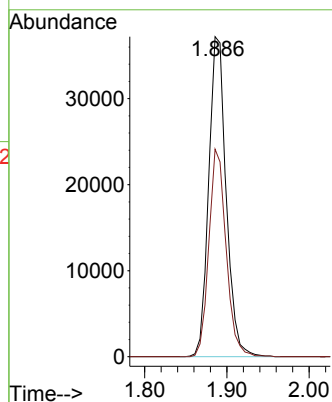
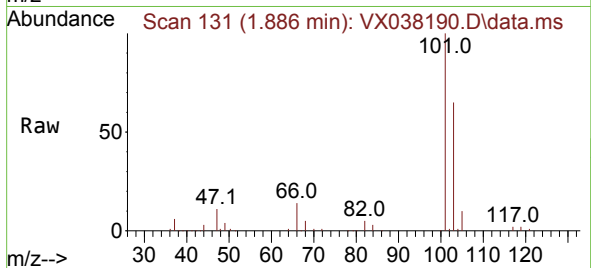




#7  
 Trichlorofluoromethane  
 Concen: 19.842 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX038190.D  
 Acq: 10 Oct 2023 10:55

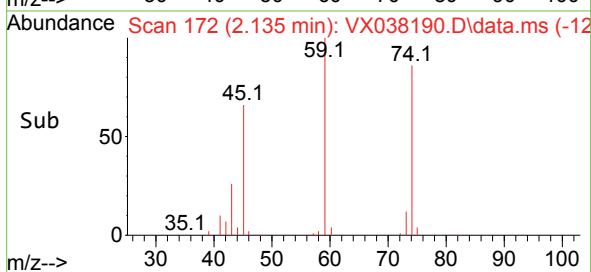
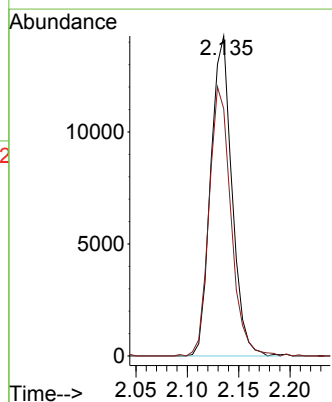
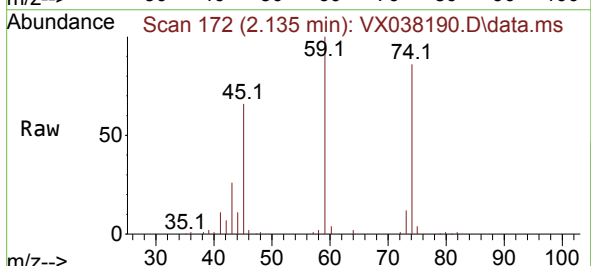
Instrument :  
 MSVOA\_X  
 ClientSampleId :

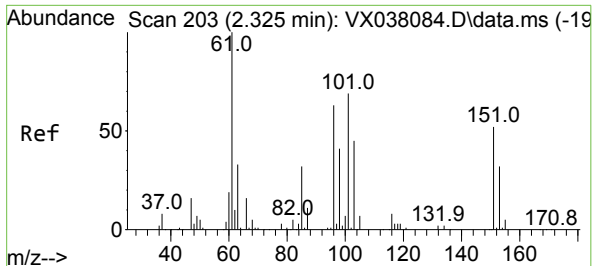
Tgt Ion:101 Resp: 54802  
 Ion Ratio Lower Upper  
 101 100  
 103 64.9 51.4 77.2



#8  
 Diethyl Ether  
 Concen: 19.874 ug/l  
 RT: 2.135 min Scan# 172  
 Delta R.T. 0.005 min  
 Lab File: VX038190.D  
 Acq: 10 Oct 2023 10:55

Tgt Ion: 74 Resp: 20471  
 Ion Ratio Lower Upper  
 74 100  
 45 87.0 53.3 159.8

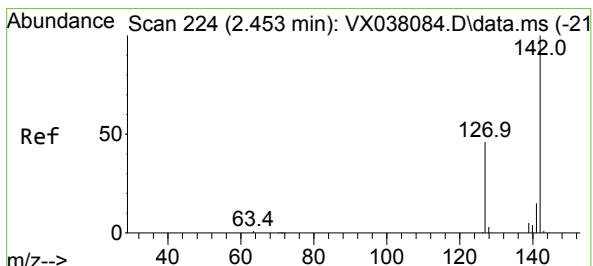
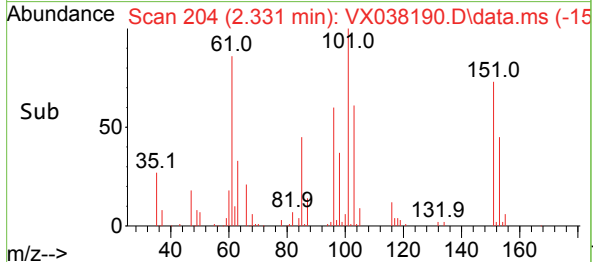
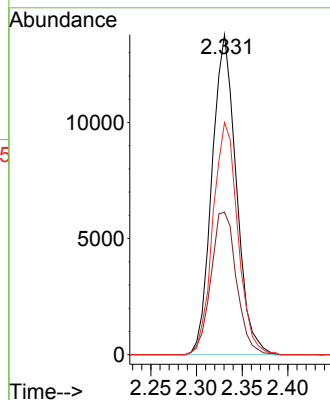
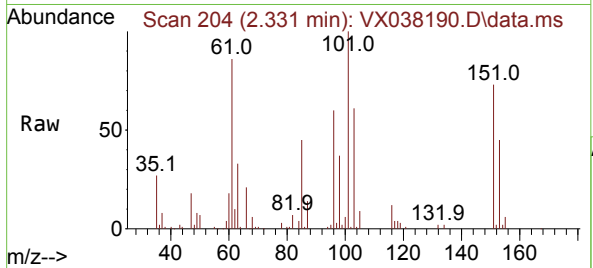




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.120 ug/l  
RT: 2.331 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

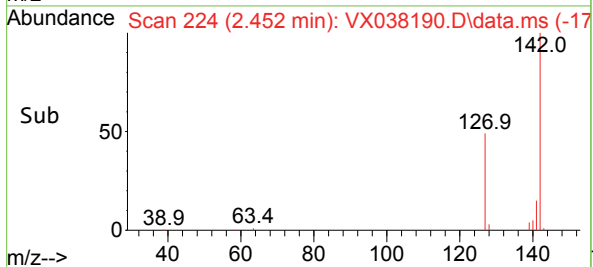
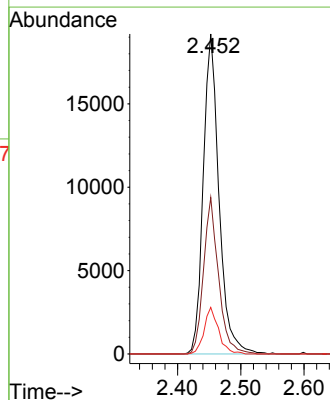
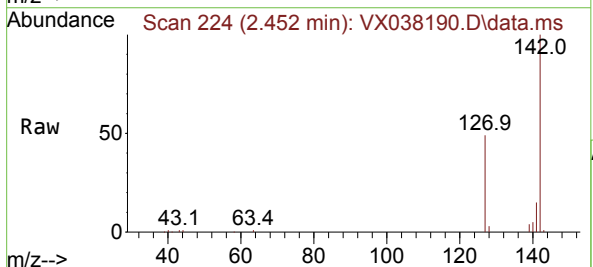
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:101 Resp: 25465  
Ion Ratio Lower Upper  
101 100  
85 46.9 37.0 55.6  
151 74.5 58.6 87.8



#10  
Methyl Iodide  
Concen: 19.172 ug/l  
RT: 2.452 min Scan# 224  
Delta R.T. -0.001 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Tgt Ion:142 Resp: 33259  
Ion Ratio Lower Upper  
142 100  
127 46.5 41.6 62.4  
141 13.4 11.6 17.4

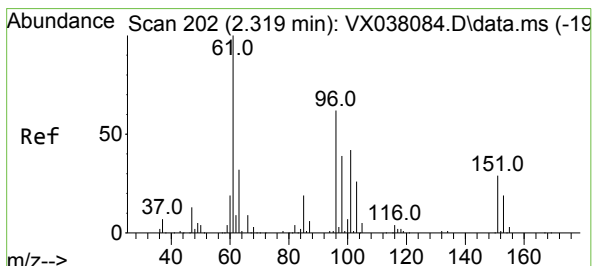
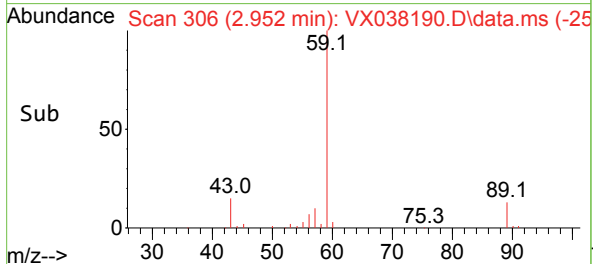
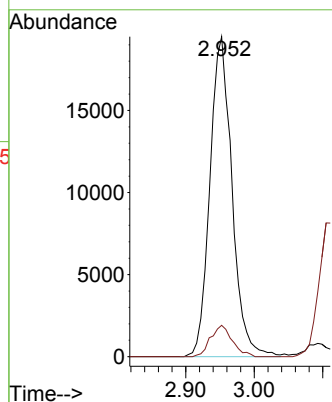
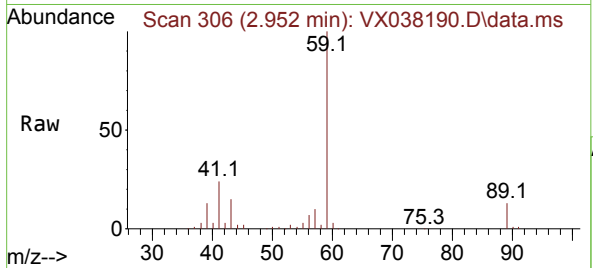




#11  
Tert butyl alcohol  
Concen: 88.712 ug/l  
RT: 2.952 min Scan# 307  
Delta R.T. -0.007 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

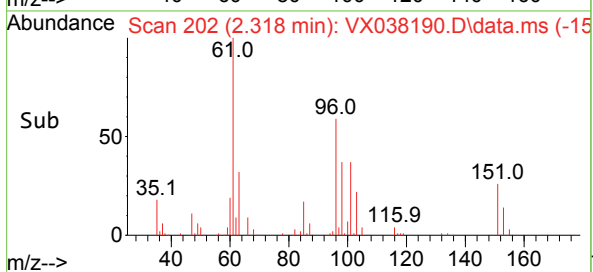
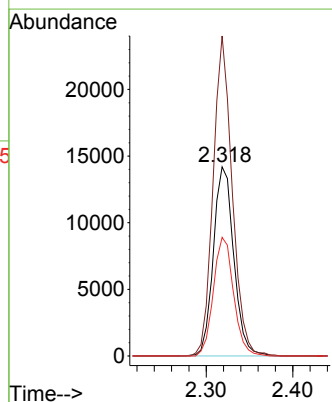
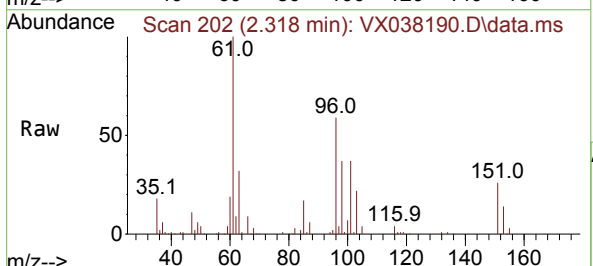
Instrument :  
MSVOA\_X  
ClientSampleId :

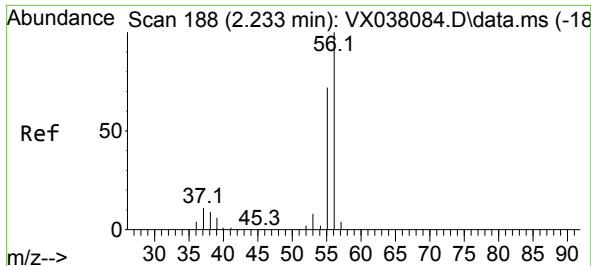
Tgt Ion: 59 Resp: 43633  
Ion Ratio Lower Upper  
59 100  
57 9.6 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 19.816 ug/l  
RT: 2.318 min Scan# 202  
Delta R.T. -0.001 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

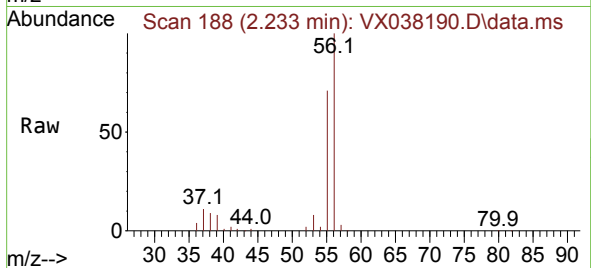
Tgt Ion: 96 Resp: 23240  
Ion Ratio Lower Upper  
96 100  
61 169.2 144.6 216.8  
98 62.7 50.4 75.6



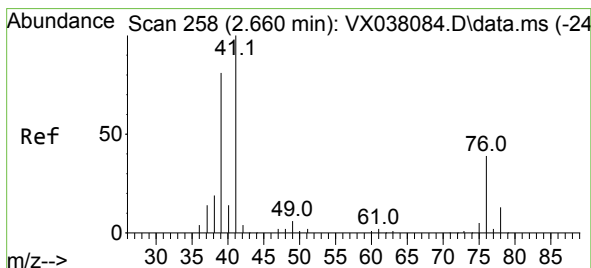
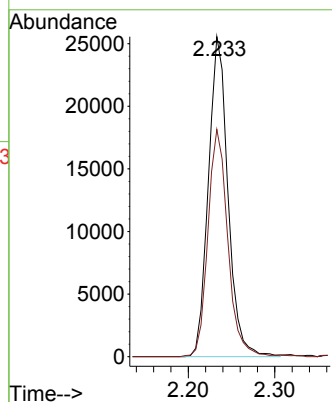
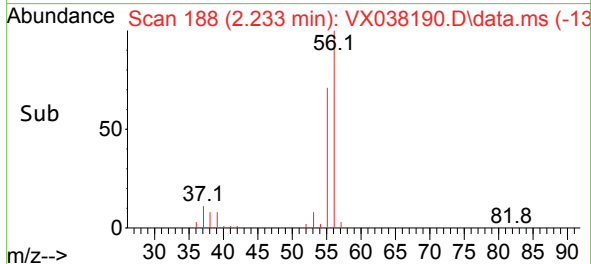


#13  
Acrolein  
Concen: 137.013 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

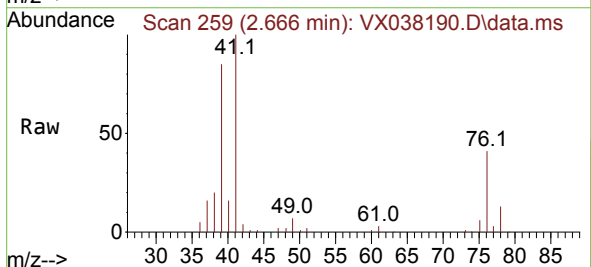
Instrument :  
MSVOA\_X  
ClientSampleId :



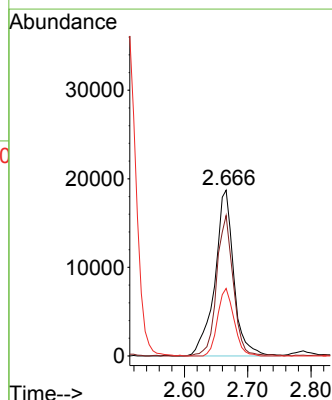
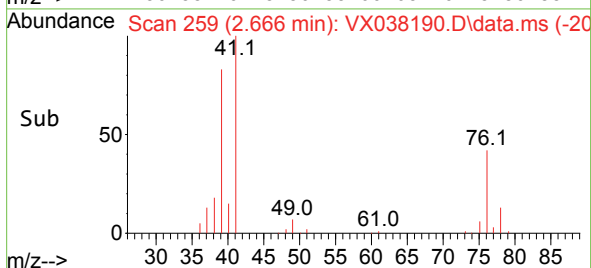
Tgt Ion: 56 Resp: 40160  
Ion Ratio Lower Upper  
56 100  
55 72.4 57.1 85.7

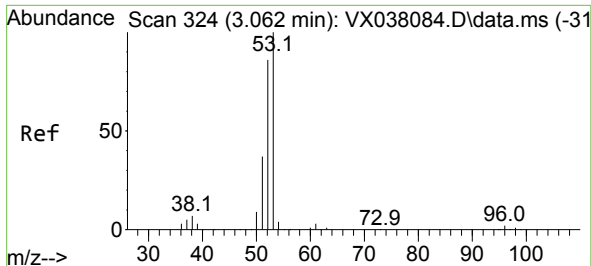


#14  
Allyl chloride  
Concen: 18.580 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.006 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55



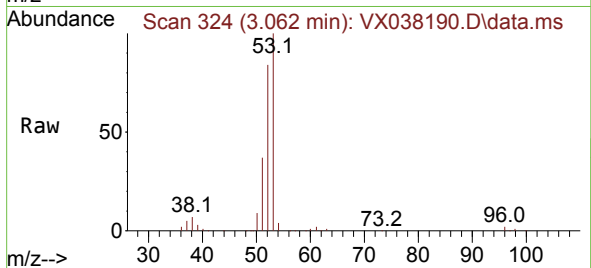
Tgt Ion: 41 Resp: 38977  
Ion Ratio Lower Upper  
41 100  
39 73.7 55.8 83.6  
76 35.1 24.3 36.5



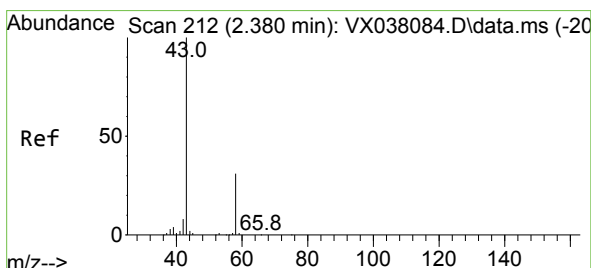
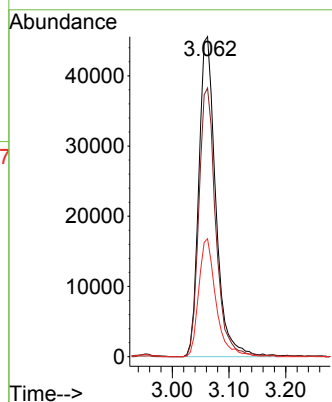
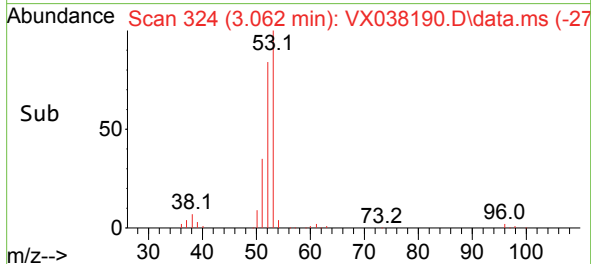


#15  
Acrylonitrile  
Concen: 100.575 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Instrument :  
MSVOA\_X  
ClientSampleId :

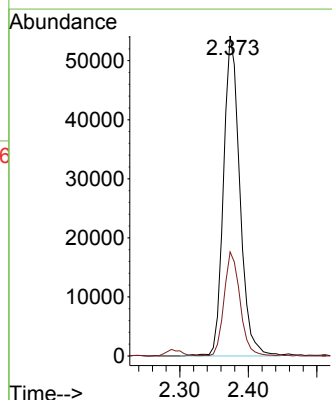
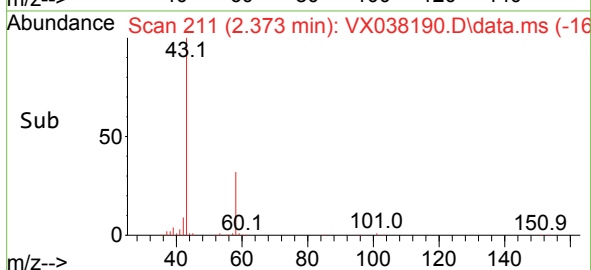
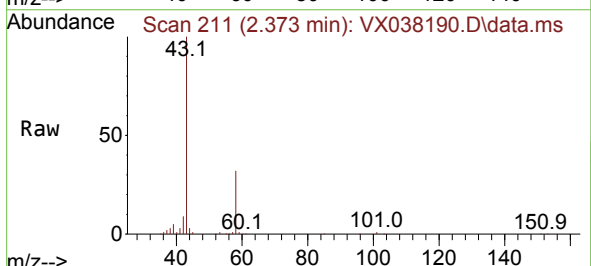


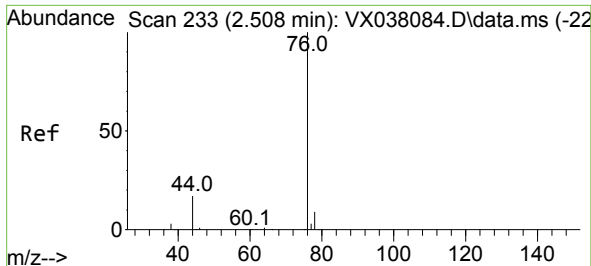
Tgt Ion: 53 Resp: 94369  
Ion Ratio Lower Upper  
53 100  
52 84.0 66.0 99.0  
51 37.6 29.8 44.6



#16  
Acetone  
Concen: 104.122 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.007 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Tgt Ion: 43 Resp: 89597  
Ion Ratio Lower Upper  
43 100  
58 32.2 21.9 32.9

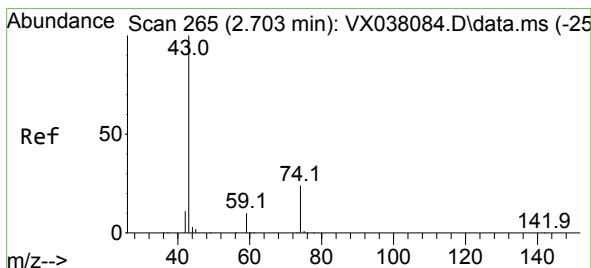
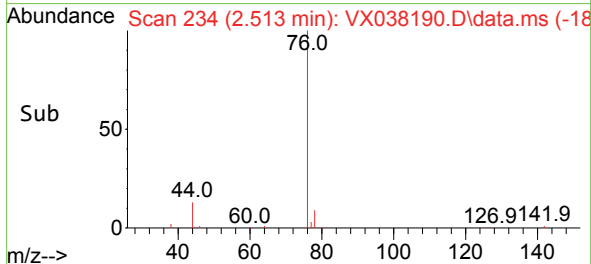
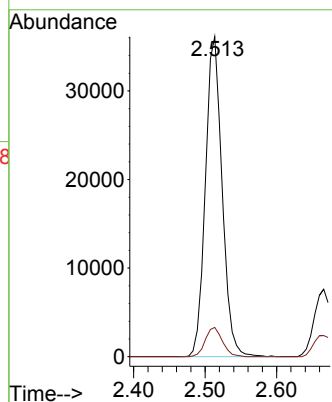
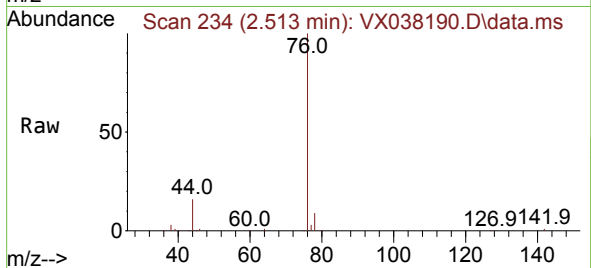




#17  
Carbon Disulfide  
Concen: 17.329 ug/l  
RT: 2.513 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

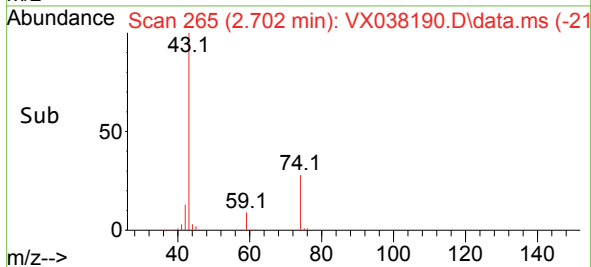
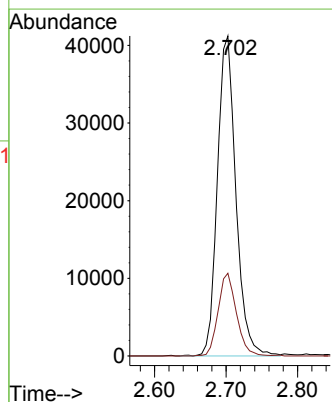
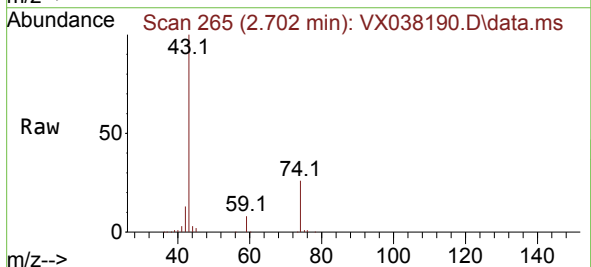
Instrument :  
MSVOA\_X  
ClientSampleId :

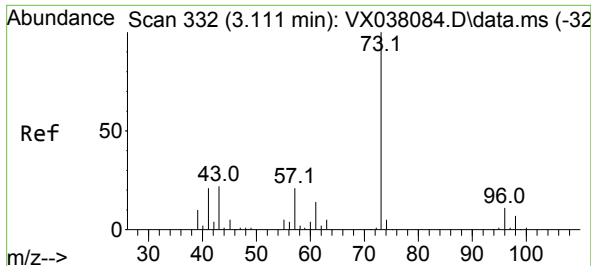
Tgt Ion: 76 Resp: 58578  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.0 10.6



#18  
Methyl Acetate  
Concen: 20.088 ug/l  
RT: 2.702 min Scan# 265  
Delta R.T. -0.001 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Tgt Ion: 43 Resp: 74127  
Ion Ratio Lower Upper  
43 100  
74 25.5 17.8 26.8

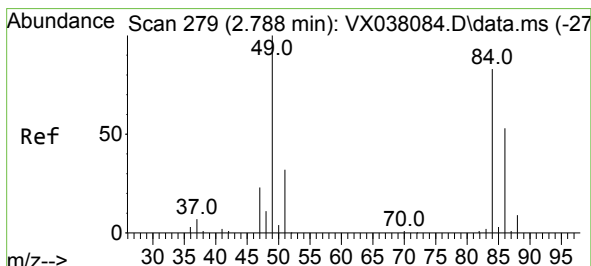
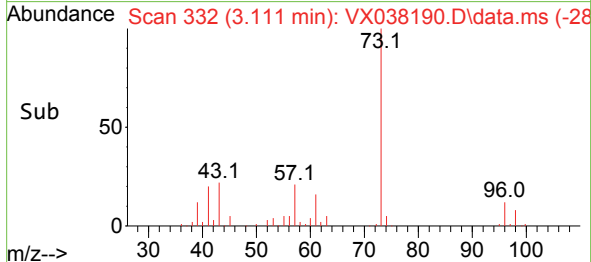
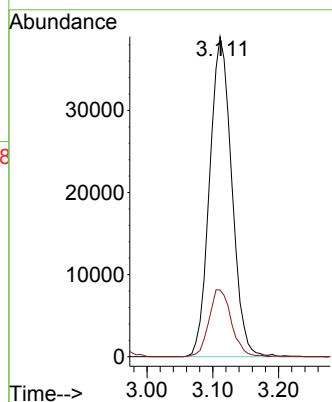
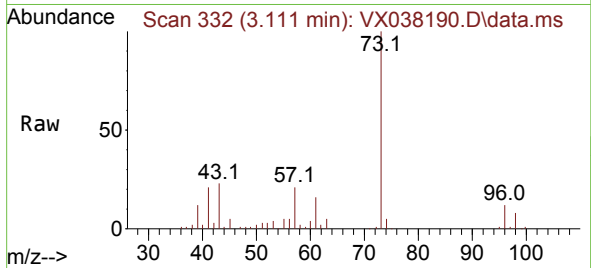




#19  
Methyl tert-butyl Ether  
Concen: 19.549 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

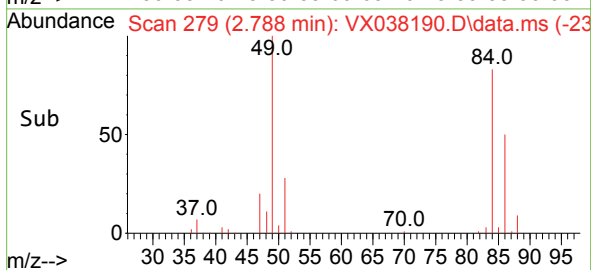
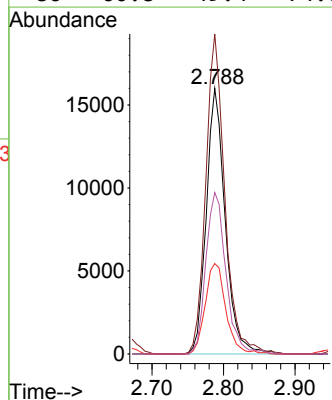
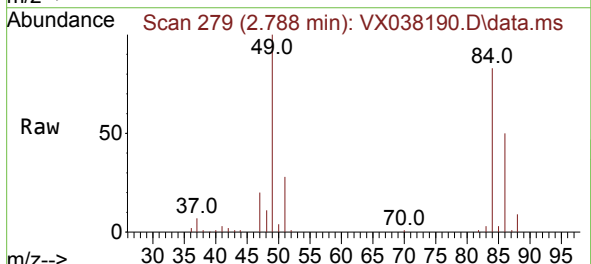
Instrument :  
MSVOA\_X  
ClientSampleId :

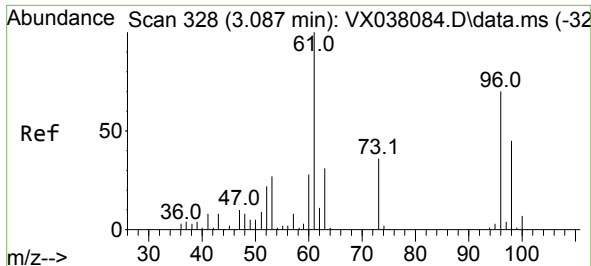
Tgt Ion: 73 Resp: 91311  
Ion Ratio Lower Upper  
73 100  
57 20.9 17.3 25.9



#20  
Methylene Chloride  
Concen: 18.200 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Tgt Ion: 84 Resp: 29459  
Ion Ratio Lower Upper  
84 100  
49 120.5 103.6 155.4  
51 34.0 33.8 50.6  
86 60.8 49.4 74.0

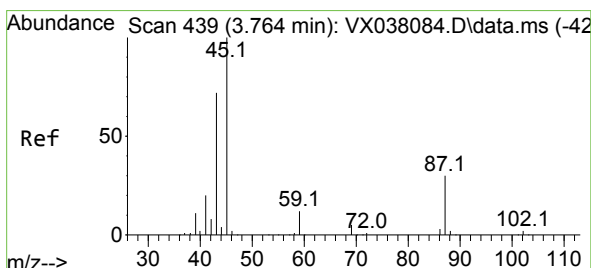
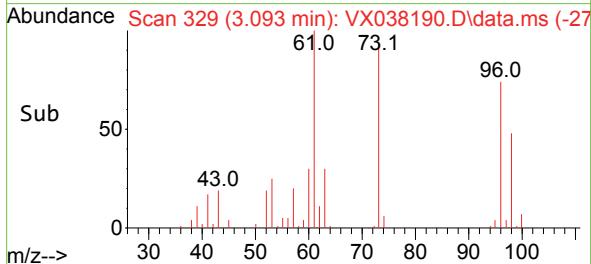
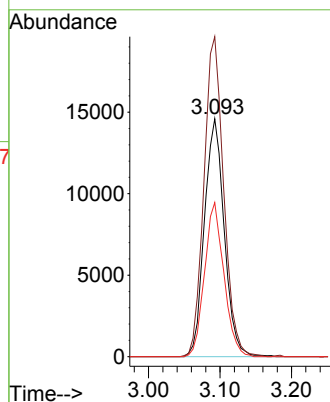
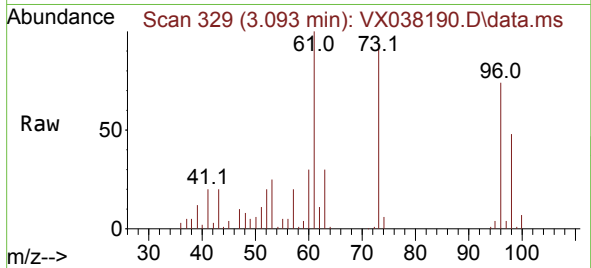




#21  
trans-1,2-Dichloroethene  
Concen: 19.361 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

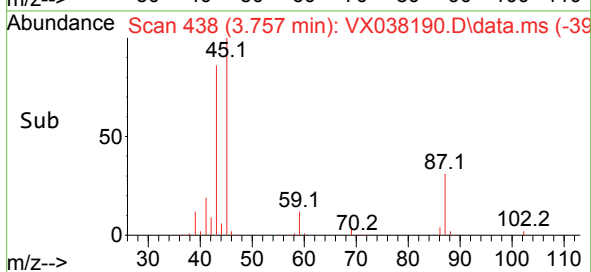
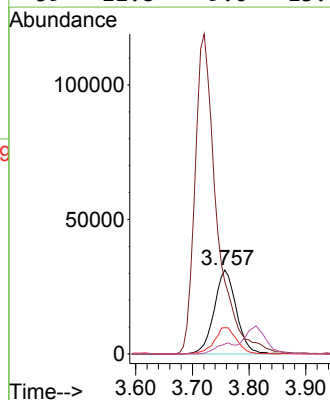
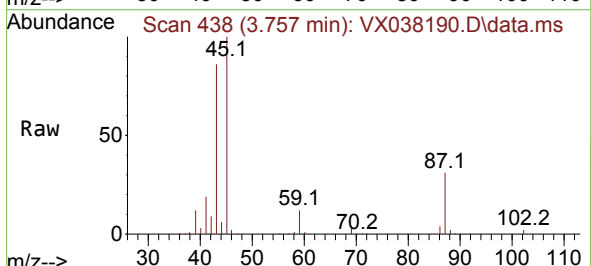
Instrument :  
MSVOA\_X  
ClientSampleId :

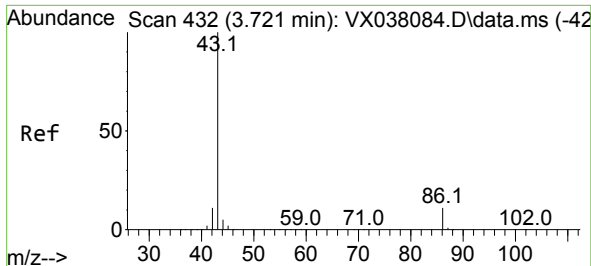
Tgt Ion: 96 Resp: 28114  
Ion Ratio Lower Upper  
96 100  
61 134.5 119.2 178.8  
98 64.8 48.7 73.1



#22  
Diisopropyl ether  
Concen: 19.237 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.007 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Tgt Ion: 45 Resp: 84577  
Ion Ratio Lower Upper  
45 100  
43 83.9 69.7 104.5  
87 31.3 20.8 31.2#  
59 11.8 9.0 13.4

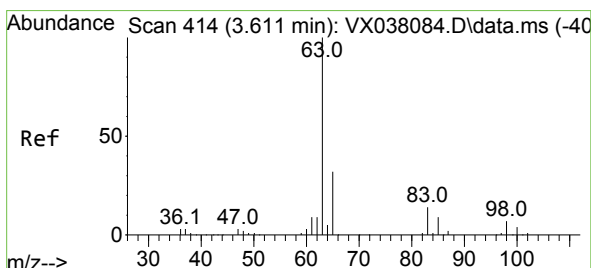
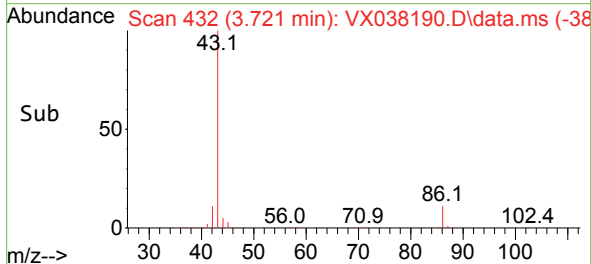
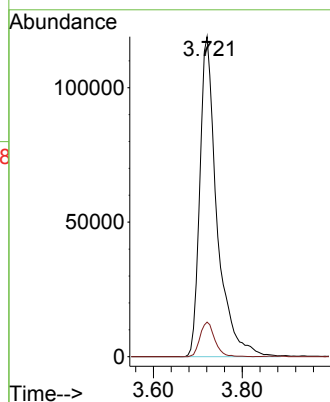
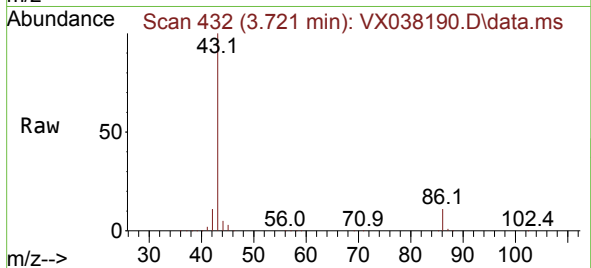




#23  
 Vinyl Acetate  
 Concen: 99.259 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX038190.D  
 Acq: 10 Oct 2023 10:55

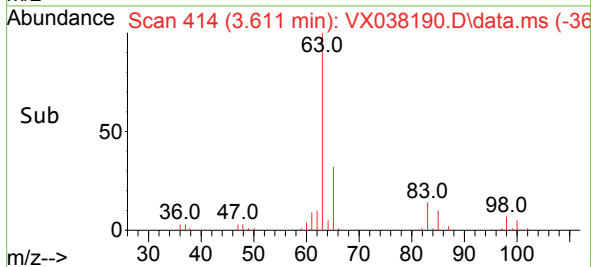
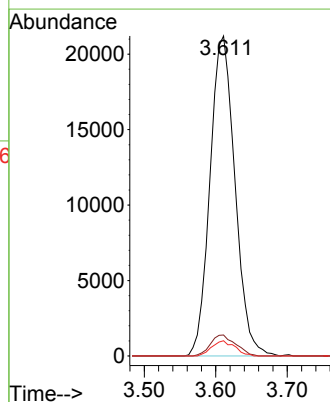
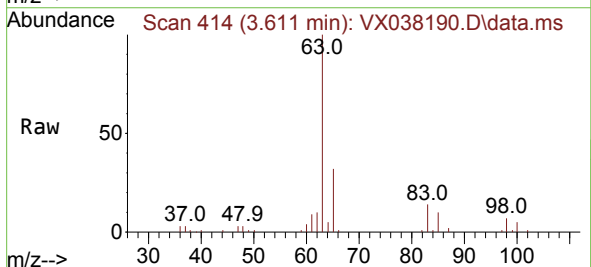
Instrument :  
 MSVOA\_X  
 ClientSampleId :

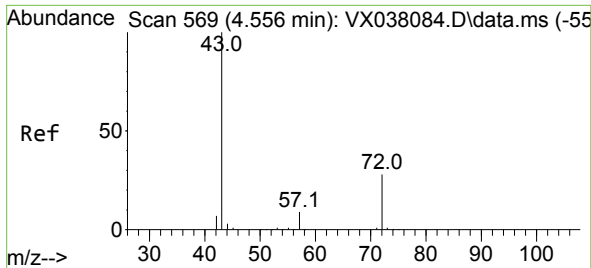
Tgt Ion: 43 Resp: 320034  
 Ion Ratio Lower Upper  
 43 100  
 86 10.8 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 19.284 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.000 min  
 Lab File: VX038190.D  
 Acq: 10 Oct 2023 10:55

Tgt Ion: 63 Resp: 51453  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.3 9.8  
 100 4.7 2.1 6.5

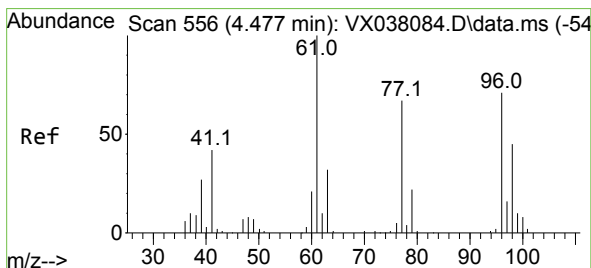
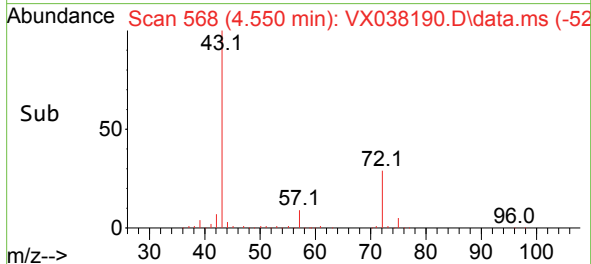
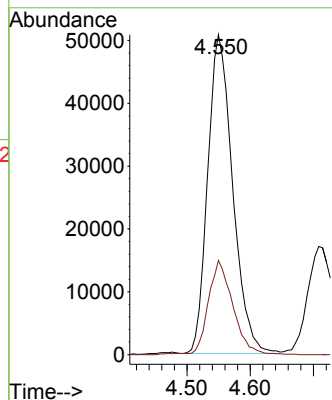
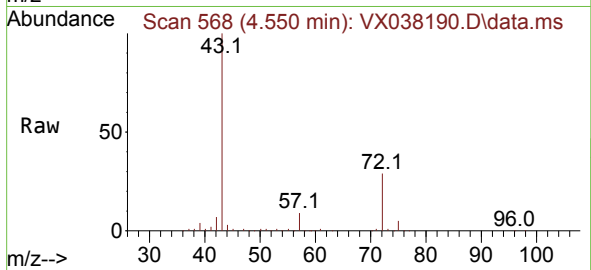




#25  
2-Butanone  
Concen: 100.113 ug/l  
RT: 4.550 min Scan# 50  
Delta R.T. -0.006 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

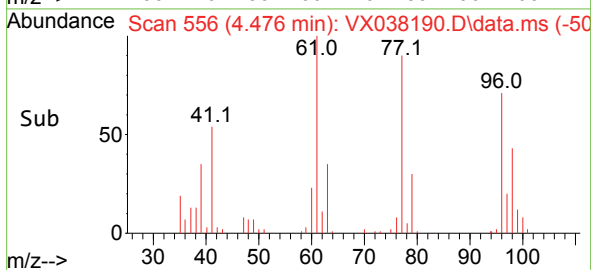
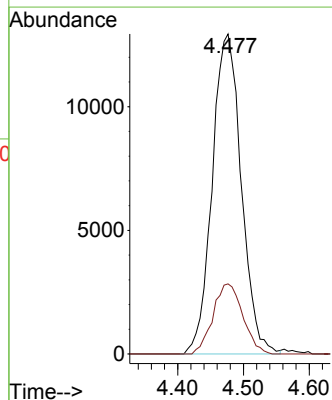
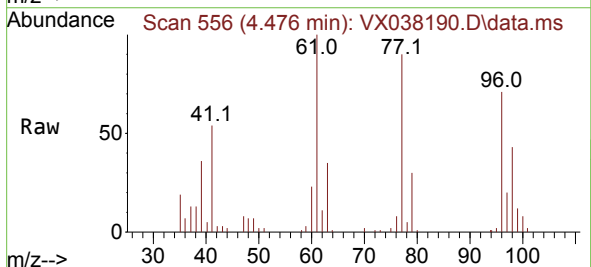
Instrument :  
MSVOA\_X  
ClientSampleId :

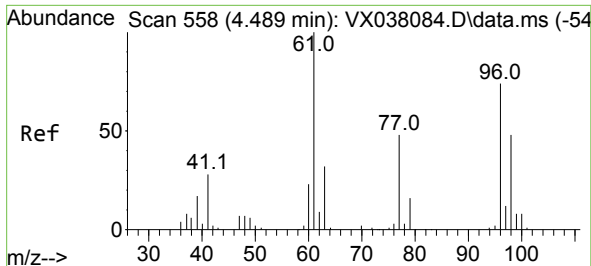
Tgt Ion: 43 Resp: 138996  
Ion Ratio Lower Upper  
43 100  
72 29.3 19.4 29.2#



#26  
2,2-Dichloropropane  
Concen: 19.117 ug/l  
RT: 4.476 min Scan# 556  
Delta R.T. -0.001 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Tgt Ion: 77 Resp: 39824  
Ion Ratio Lower Upper  
77 100  
97 22.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.254 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

Instrument :

MSVOA\_X

ClientSampleId :

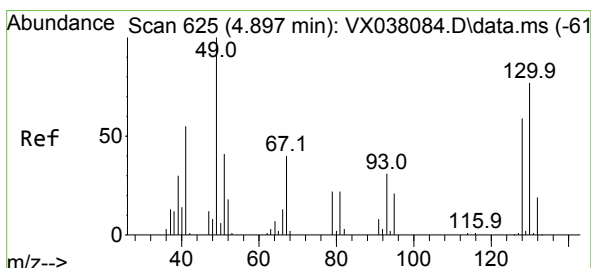
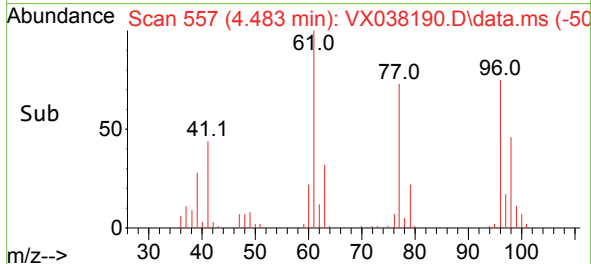
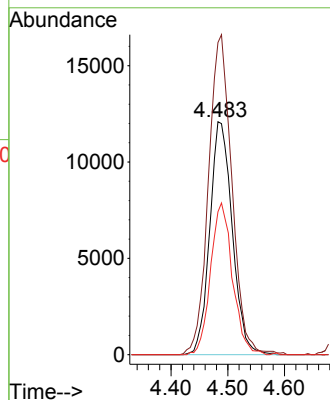
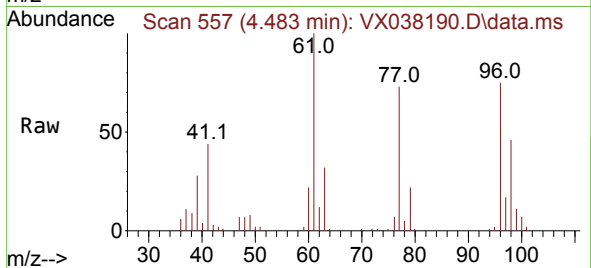
Tgt Ion: 96 Resp: 33299

Ion Ratio Lower Upper

96 100

61 142.7 0.0 312.2

98 63.3 0.0 129.0



#28

Bromochloromethane

Concen: 18.949 ug/l

RT: 4.903 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

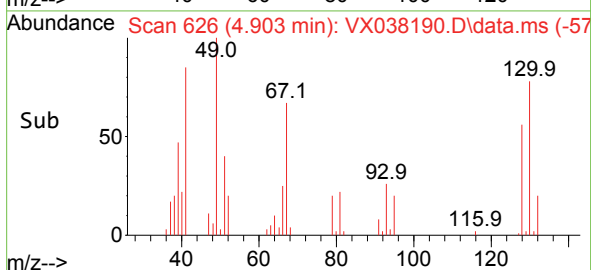
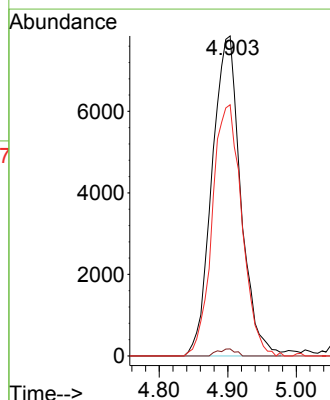
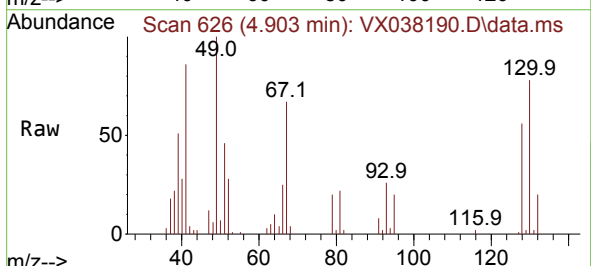
Tgt Ion: 49 Resp: 22824

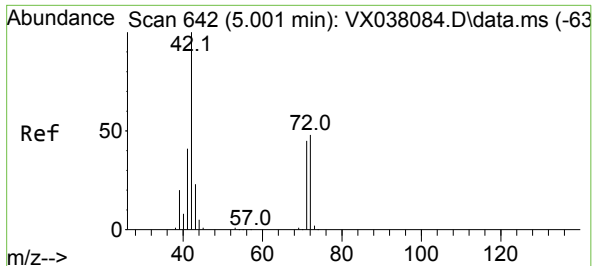
Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

130 80.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 95.325 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

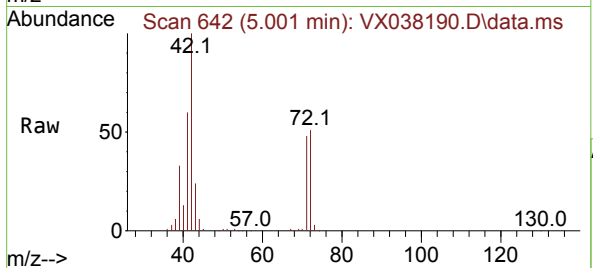
Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

Instrument :

MSVOA\_X

ClientSampleId :



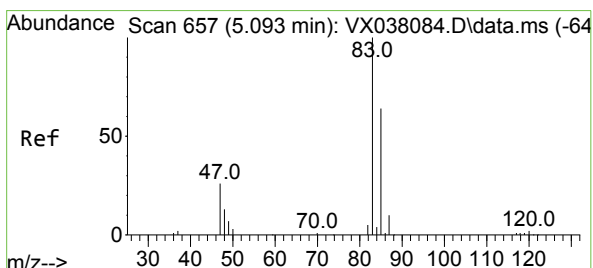
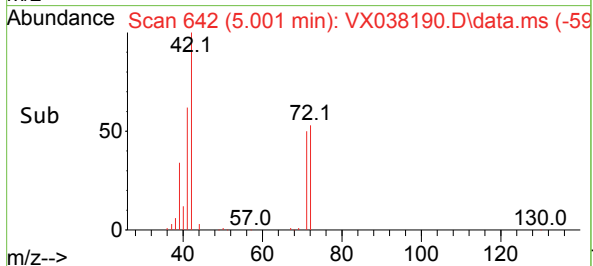
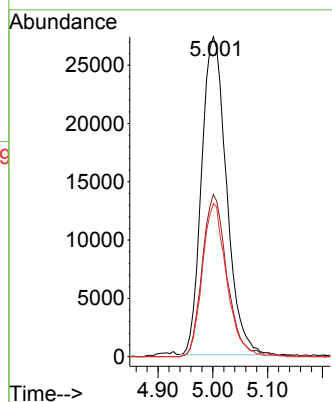
Tgt Ion: 42 Resp: 86167

Ion Ratio Lower Upper

42 100

72 51.1 34.2 51.4

71 47.1 32.2 48.2



#30

Chloroform

Concen: 19.729 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.001 min

Lab File: VX038190.D

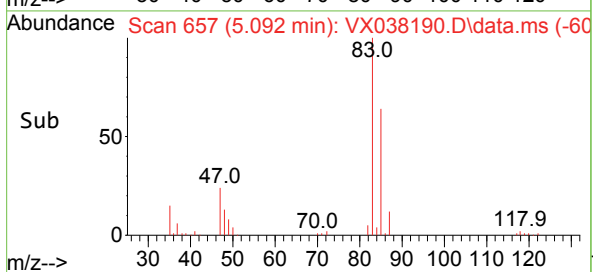
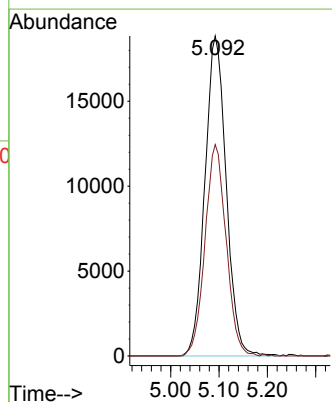
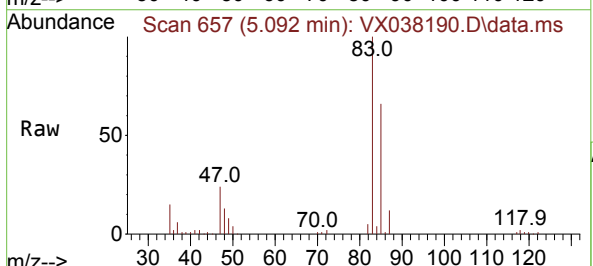
Acq: 10 Oct 2023 10:55

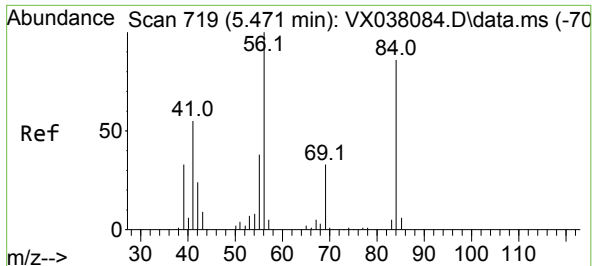
Tgt Ion: 83 Resp: 57565

Ion Ratio Lower Upper

83 100

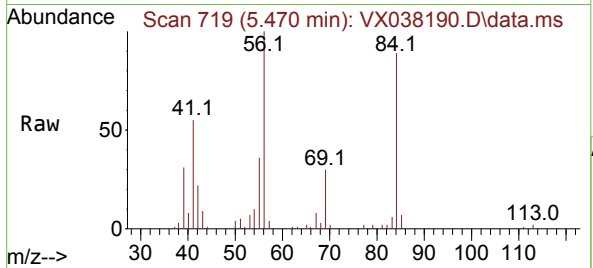
85 66.0 50.3 75.5



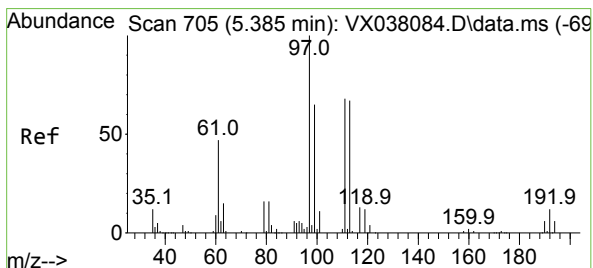
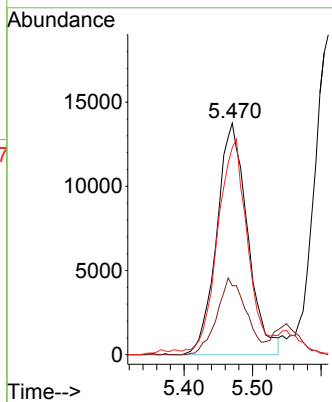
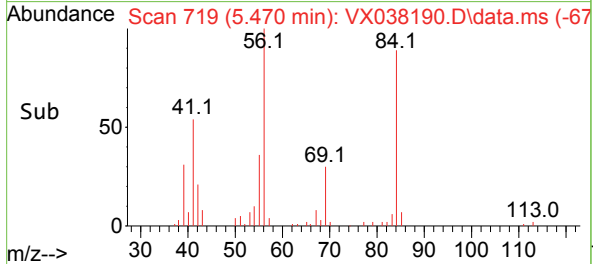


#31  
Cyclohexane  
Concen: 19.211 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. -0.001 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

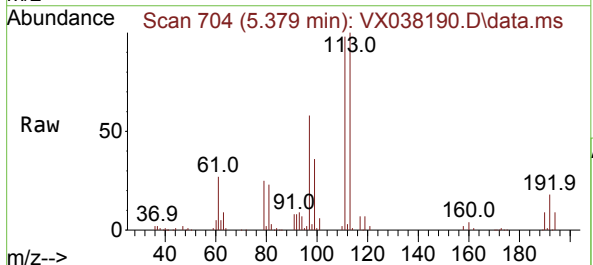
Instrument :  
MSVOA\_X  
ClientSampleId :



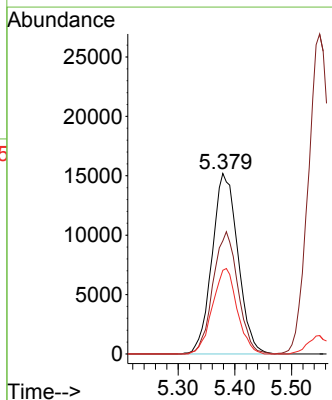
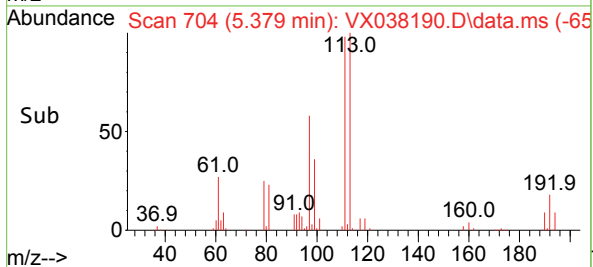
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 42915 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 29.8  | 23.4  | 35.2  |
| 84       | 87.6  | 65.9  | 98.9  |

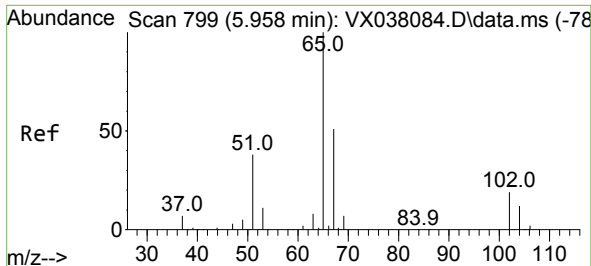


#32  
1,1,1-Trichloroethane  
Concen: 19.219 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 48030 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 65.4  | 51.1  | 76.7  |
| 61       | 45.3  | 36.4  | 54.6  |





#33

1,2-Dichloroethane-d4

Concen: 49.397 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

Instrument :

MSVOA\_X

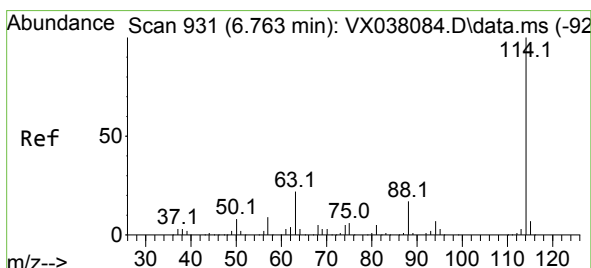
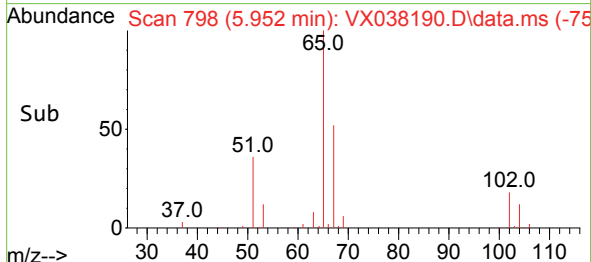
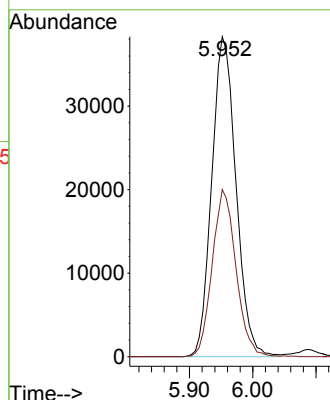
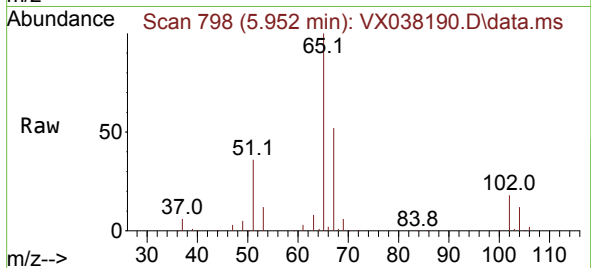
ClientSampleId :

Tgt Ion: 65 Resp: 101847

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

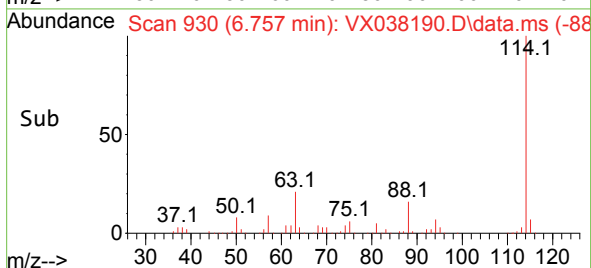
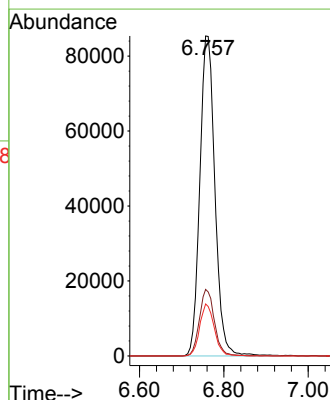
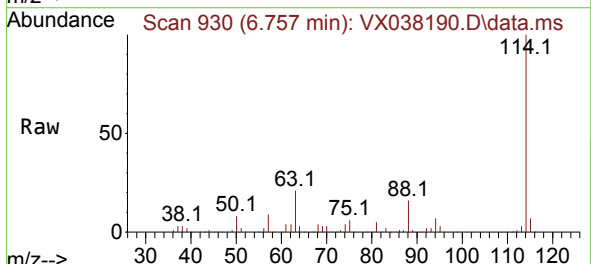
Tgt Ion: 114 Resp: 212967

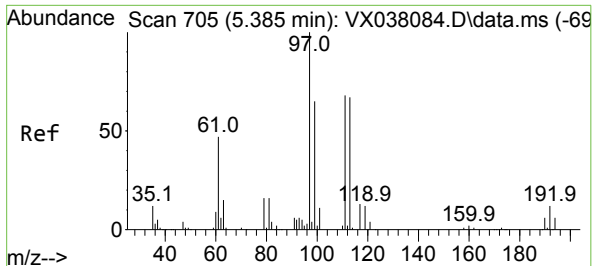
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

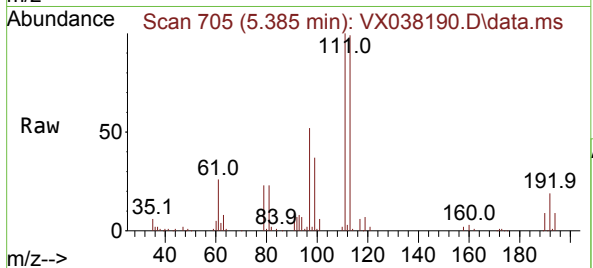
88 16.2 0.0 36.6



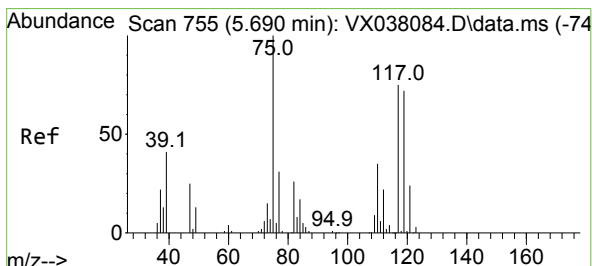
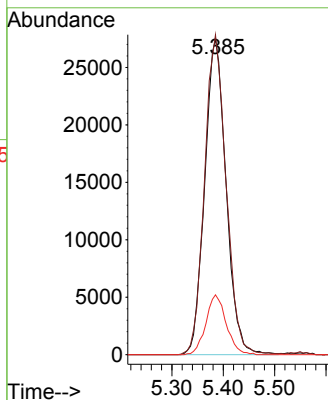
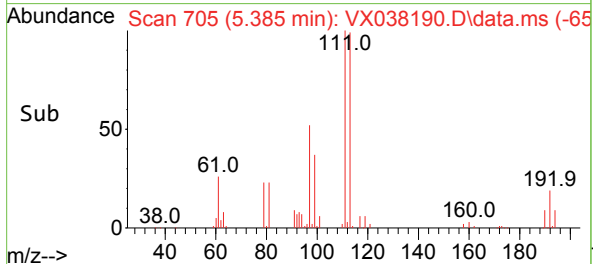


#35  
Dibromofluoromethane  
Concen: 51.750 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

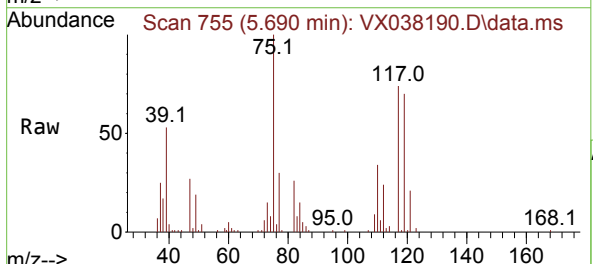
Instrument :  
MSVOA\_X  
ClientSampleId :



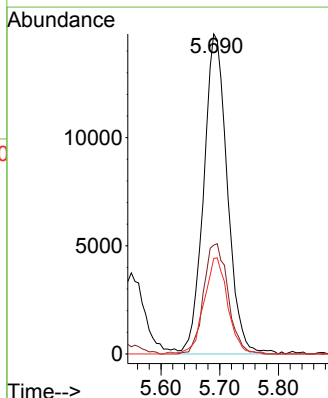
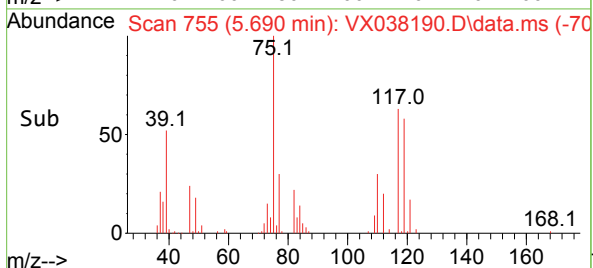
Tgt Ion:113 Resp: 79414  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.9 124.3  
192 18.0 13.3 19.9

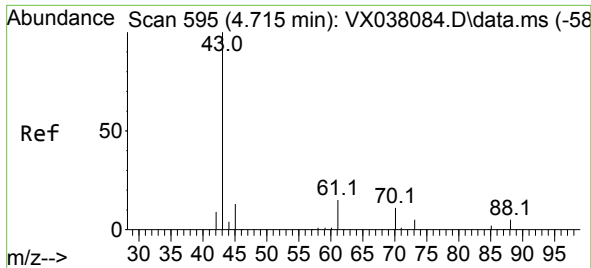


#36  
1,1-Dichloropropene  
Concen: 19.581 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55



Tgt Ion: 75 Resp: 41436  
Ion Ratio Lower Upper  
75 100  
110 35.4 17.0 50.9  
77 30.1 24.7 37.1





#37

Ethyl Acetate

Concen: 19.425 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.007 min

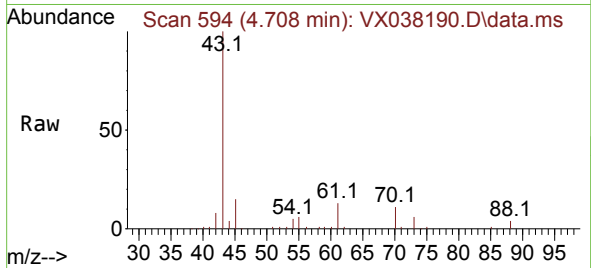
Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

Instrument :

MSVOA\_X

ClientSampleId :



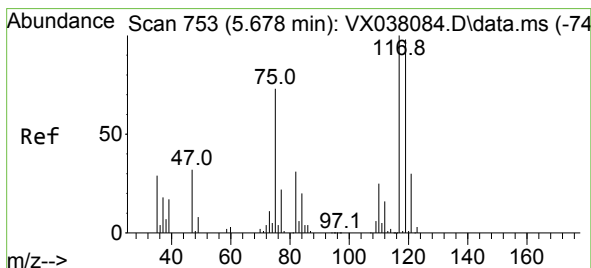
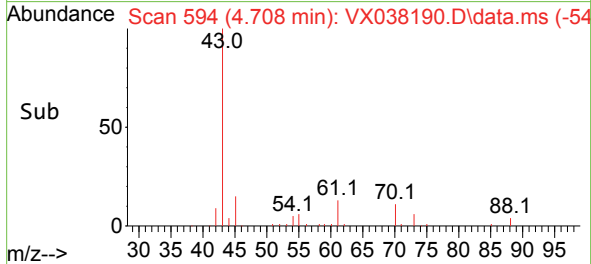
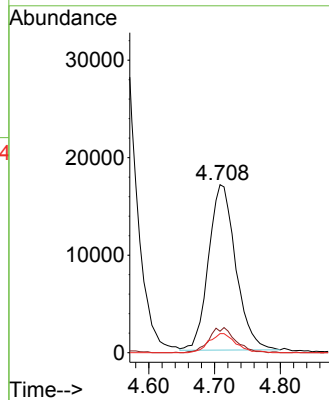
Tgt Ion: 43 Resp: 48819

Ion Ratio Lower Upper

43 100

61 14.7 10.6 16.0

70 11.5 8.3 12.5



#38

Carbon Tetrachloride

Concen: 19.820 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

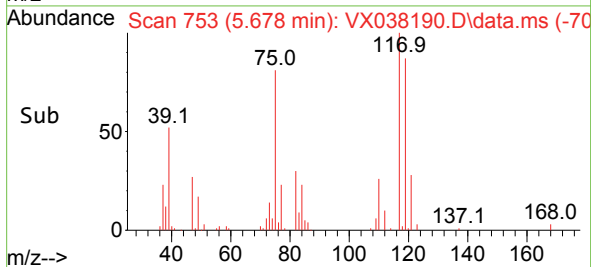
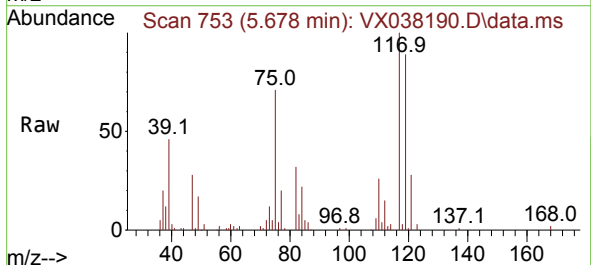
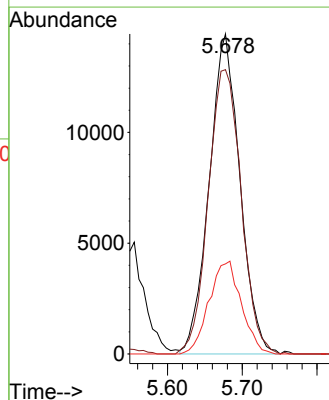
Tgt Ion: 117 Resp: 41259

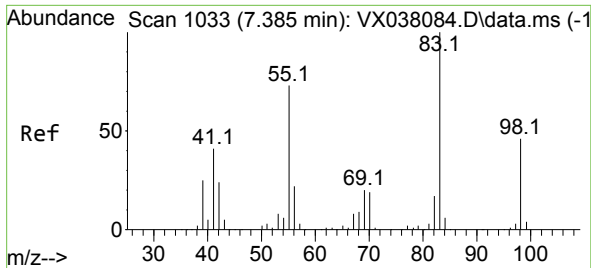
Ion Ratio Lower Upper

117 100

119 88.9 78.2 117.2

121 28.1 24.4 36.6

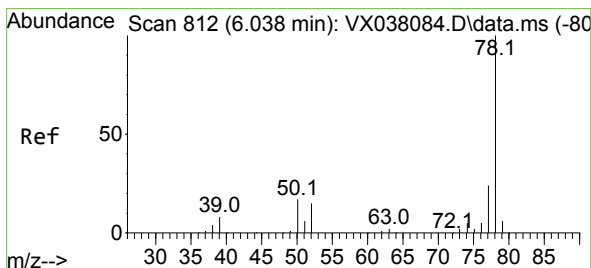
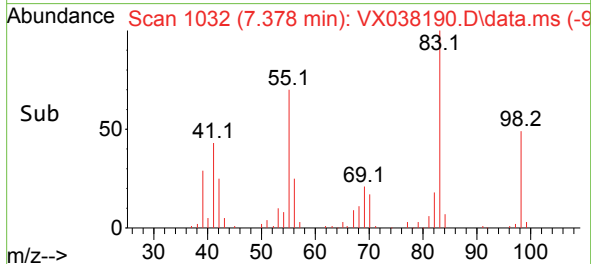
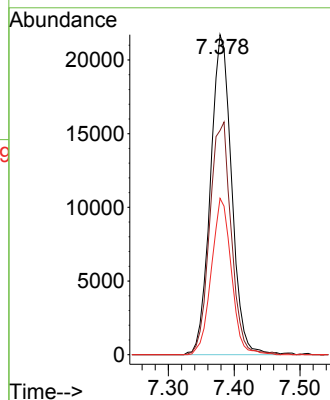
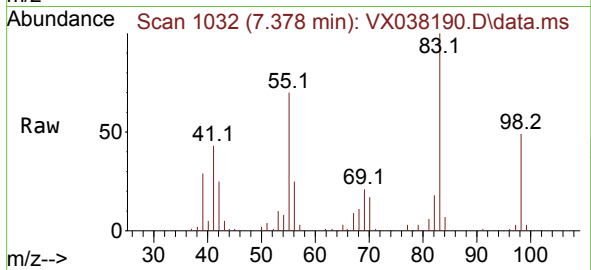




#39  
Methylcyclohexane  
Concen: 19.646 ug/l  
RT: 7.378 min Scan# 1033  
Delta R.T. -0.007 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

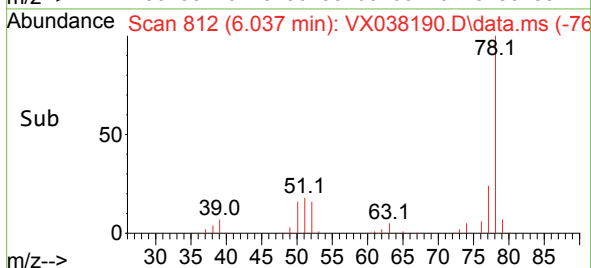
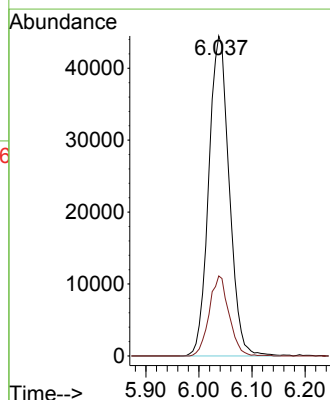
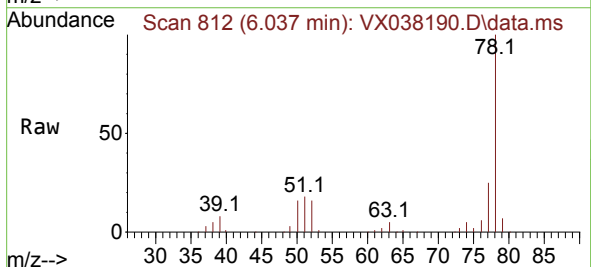
Instrument :  
MSVOA\_X  
ClientSampleId :

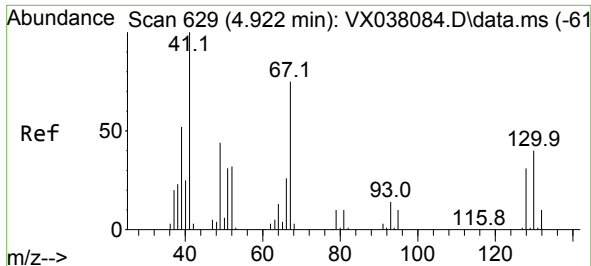
Tgt Ion: 83 Resp: 48695  
Ion Ratio Lower Upper  
83 100  
55 70.1 64.6 97.0  
98 48.8 36.7 55.1



#40  
Benzene  
Concen: 20.156 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. -0.001 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

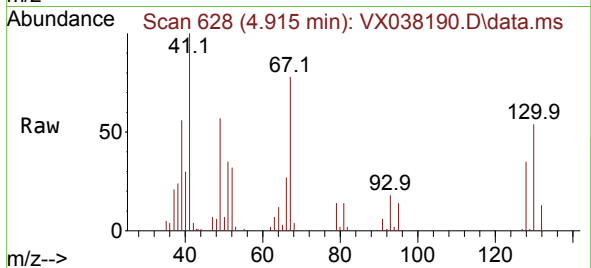
Tgt Ion: 78 Resp: 119297  
Ion Ratio Lower Upper  
78 100  
77 25.0 19.3 28.9



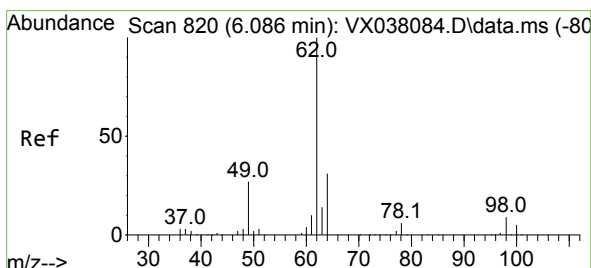
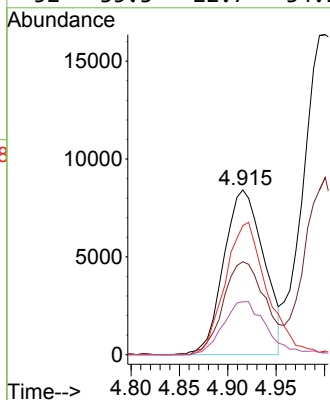
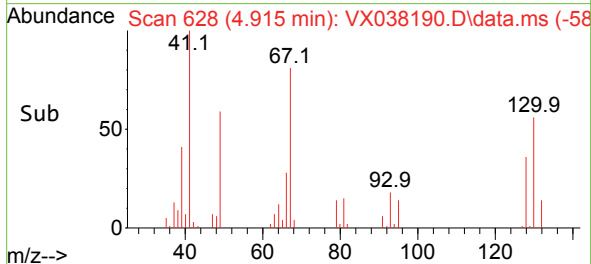


#41  
Methacrylonitrile  
Concen: 19.453 ug/l  
RT: 4.915 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Instrument :  
MSVOA\_X  
ClientSampleId :

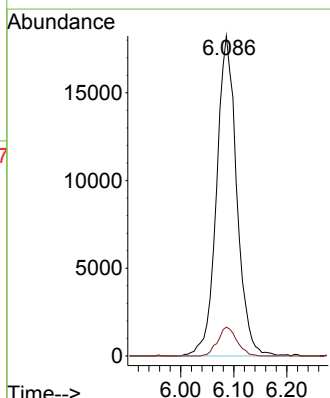
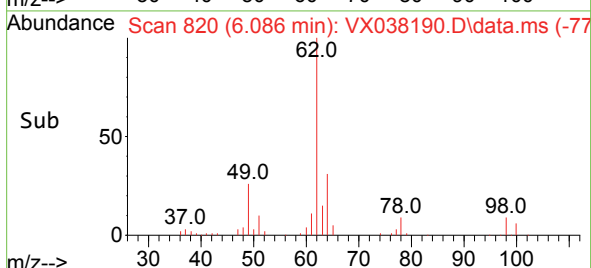
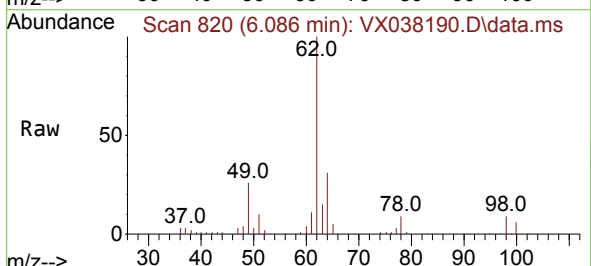


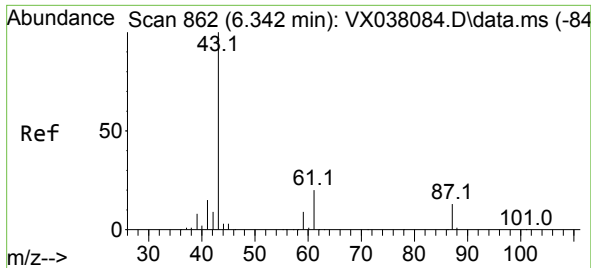
|             |                 |
|-------------|-----------------|
| Tgt Ion: 41 | Resp: 24321     |
| Ion Ratio   | Lower Upper     |
| 41          | 100             |
| 39          | 60.8 45.2 67.8  |
| 67          | 84.3 52.6 78.8# |
| 52          | 35.3 22.7 34.1# |



#42  
1,2-Dichloroethane  
Concen: 20.399 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 48238  |
| Ion Ratio   | Lower Upper  |
| 62          | 100          |
| 98          | 8.6 0.0 16.0 |

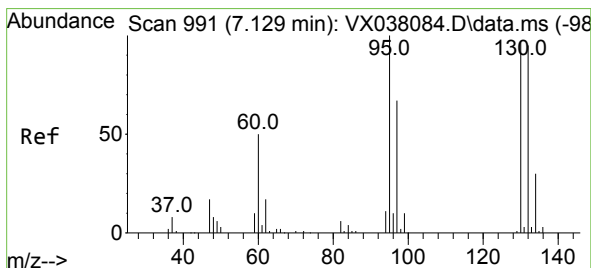
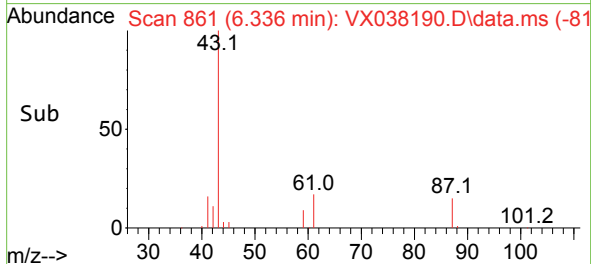
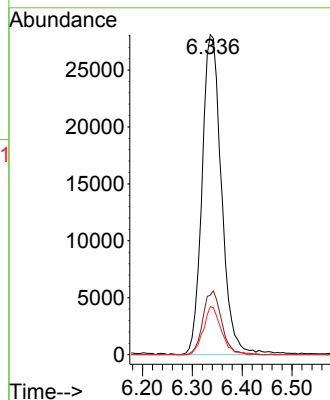
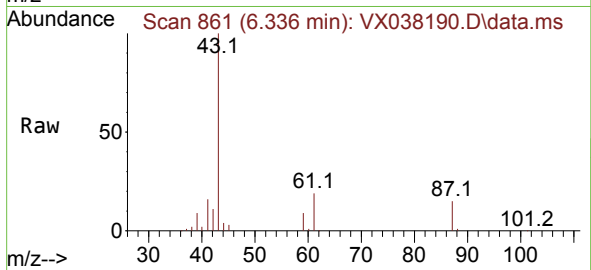




#43  
Isopropyl Acetate  
Concen: 20.310 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

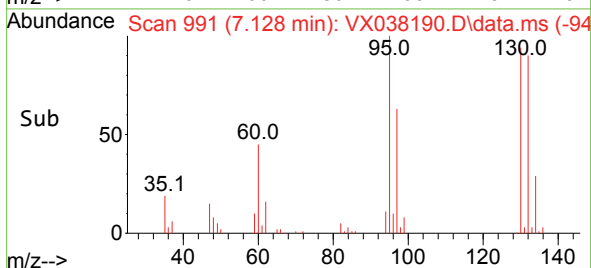
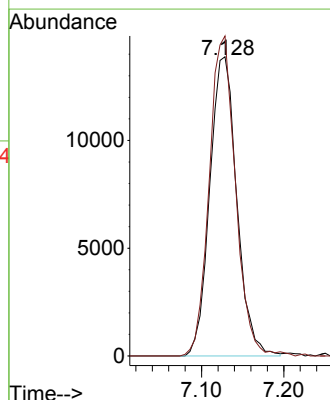
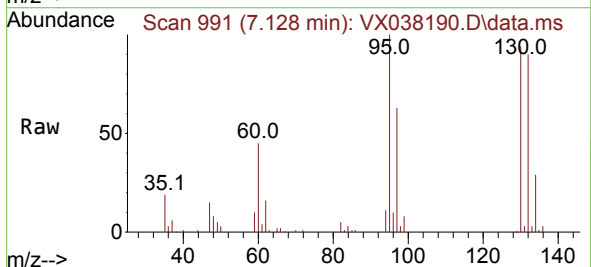
Instrument :  
MSVOA\_X  
ClientSampleId :

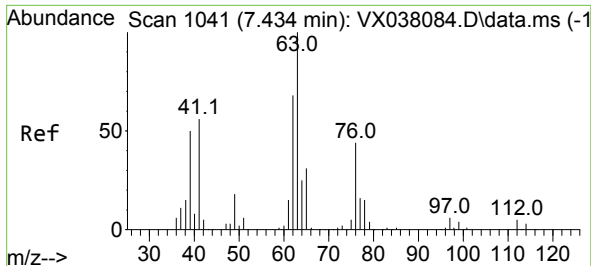
Tgt Ion: 43 Resp: 76199  
Ion Ratio Lower Upper  
43 100  
61 19.1 15.2 22.8  
87 13.8 9.8 14.6



#44  
Trichloroethene  
Concen: 20.483 ug/l  
RT: 7.128 min Scan# 991  
Delta R.T. -0.001 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Tgt Ion:130 Resp: 31709  
Ion Ratio Lower Upper  
130 100  
95 106.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.114 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

Instrument :

MSVOA\_X

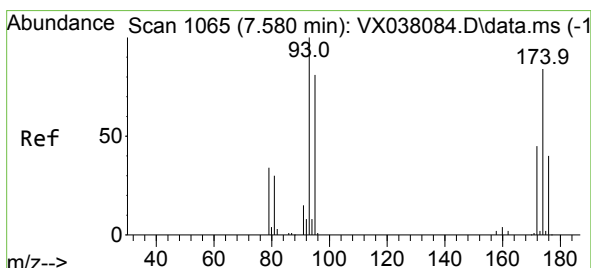
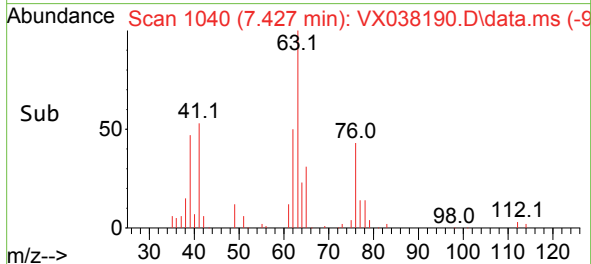
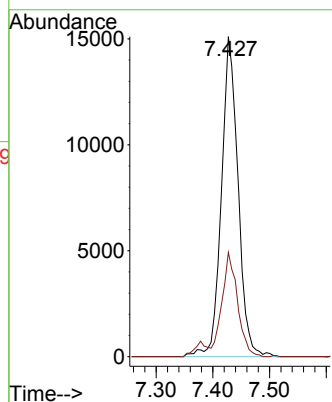
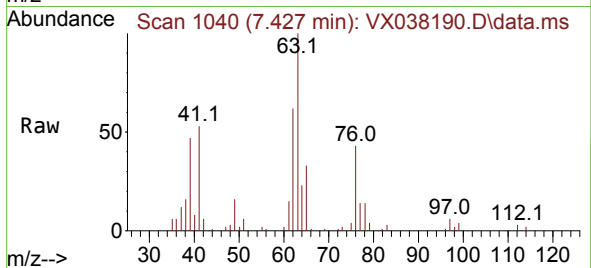
ClientSampleId :

Tgt Ion: 63 Resp: 30812

Ion Ratio Lower Upper

63 100

65 32.6 24.3 36.5



#46

Dibromomethane

Concen: 20.065 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

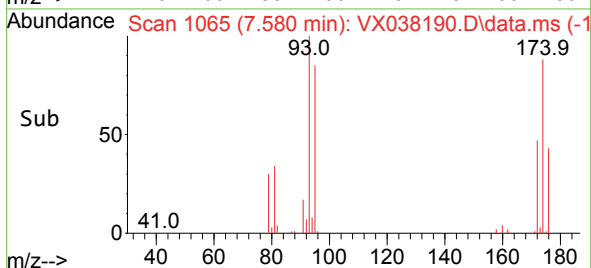
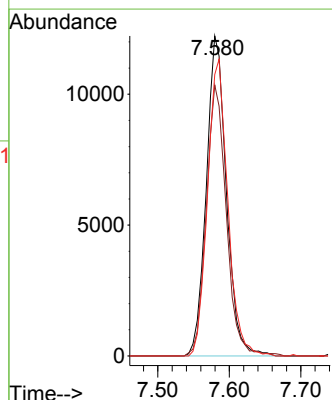
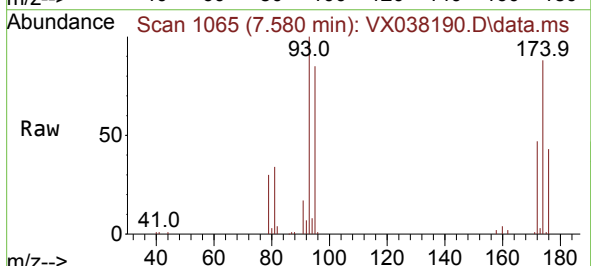
Tgt Ion: 93 Resp: 23839

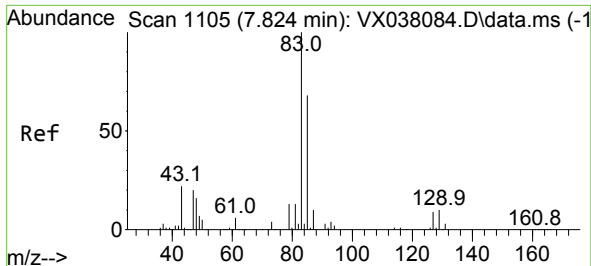
Ion Ratio Lower Upper

93 100

95 84.6 66.6 100.0

174 93.3 69.4 104.0

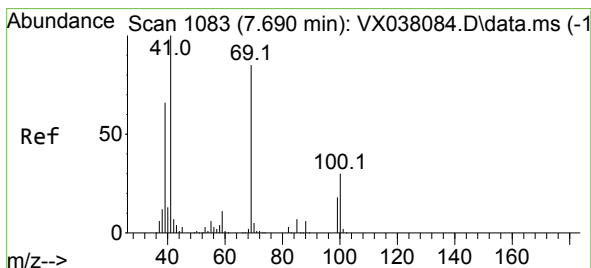
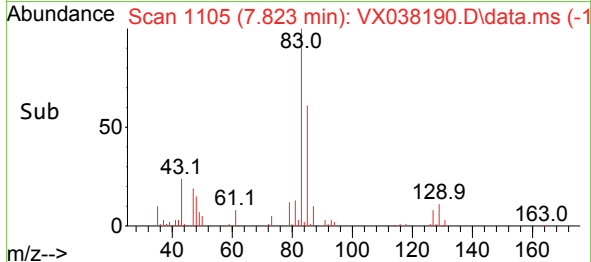
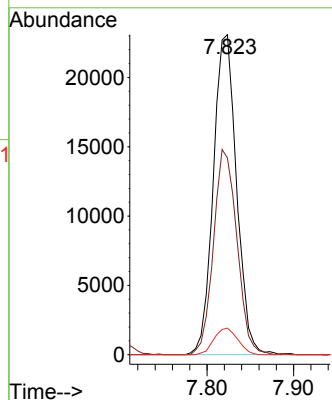
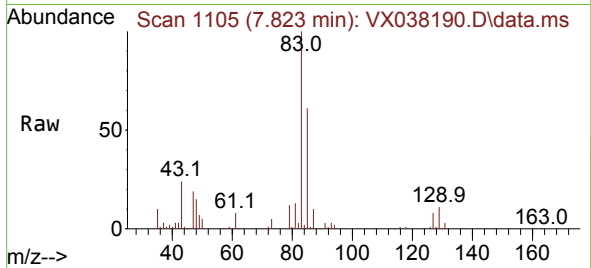




#47  
Bromodichloromethane  
Concen: 20.365 ug/l  
RT: 7.823 min Scan# 1105  
Delta R.T. -0.001 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

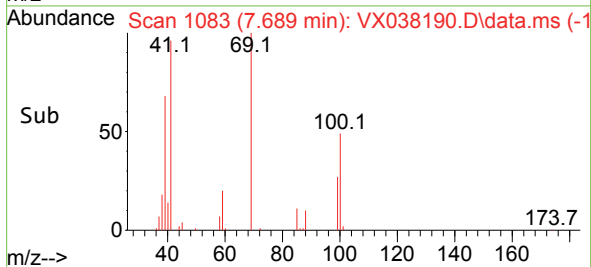
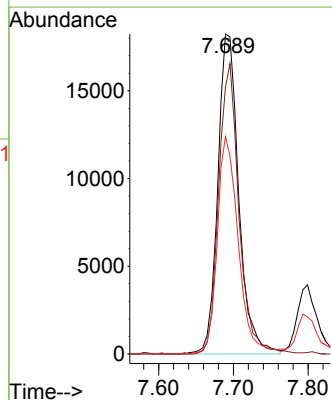
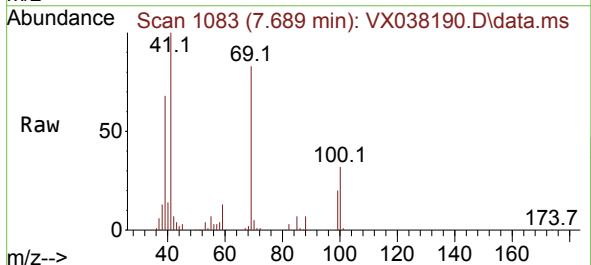
Instrument :  
MSVOA\_X  
ClientSampleId :

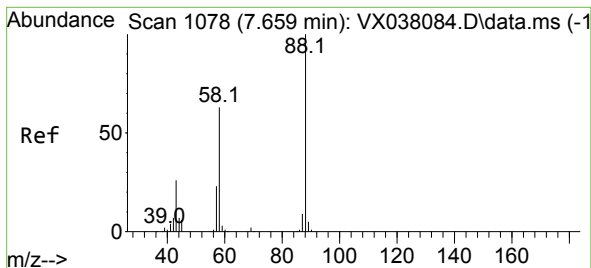
Tgt Ion: 83 Resp: 43044  
Ion Ratio Lower Upper  
83 100  
85 61.5 49.8 74.6  
127 8.3 7.1 10.7



#48  
Methyl methacrylate  
Concen: 19.872 ug/l  
RT: 7.689 min Scan# 1083  
Delta R.T. -0.001 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Tgt Ion: 41 Resp: 35592  
Ion Ratio Lower Upper  
41 100  
69 88.0 59.2 88.8  
39 67.7 47.7 71.5





#49

1,4-Dioxane

Concen: 413.955 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

Instrument :

MSVOA\_X

ClientSampleId :

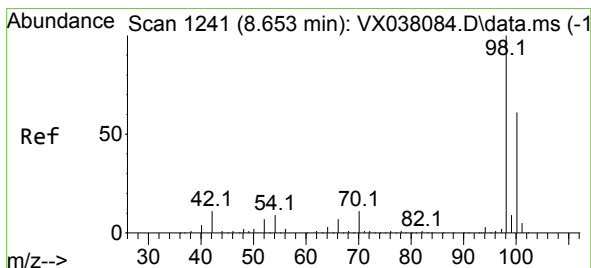
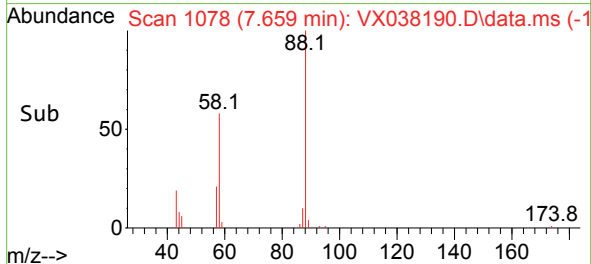
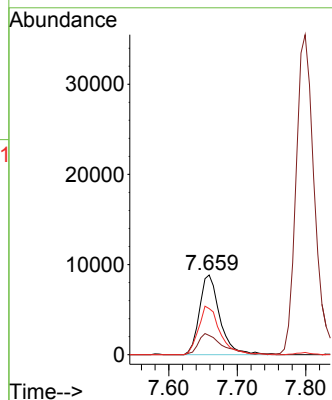
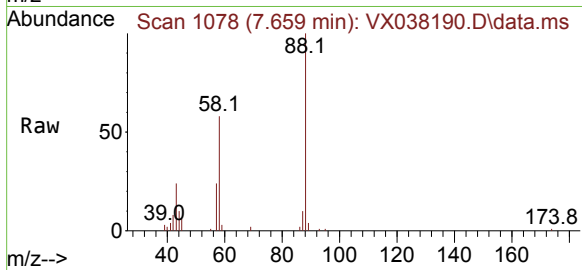
Tgt Ion: 88 Resp: 18270

Ion Ratio Lower Upper

88 100

43 31.3 0.0 0.0#

58 63.8 60.1 90.1



#50

Toluene-d8

Concen: 49.498 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.007 min

Lab File: VX038190.D

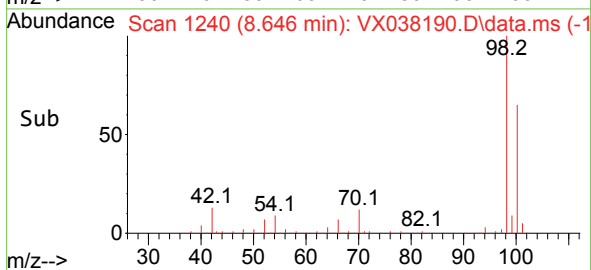
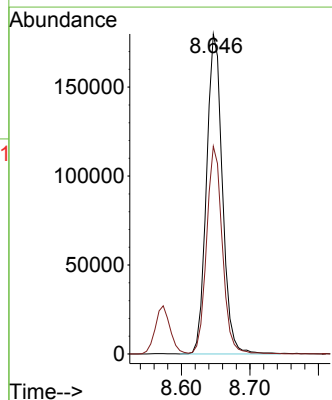
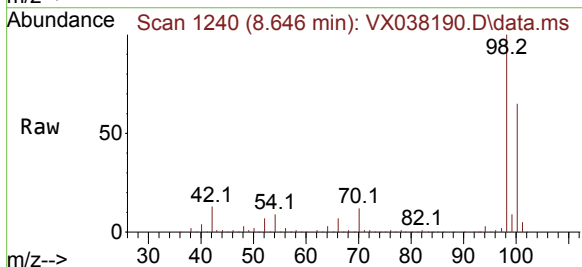
Acq: 10 Oct 2023 10:55

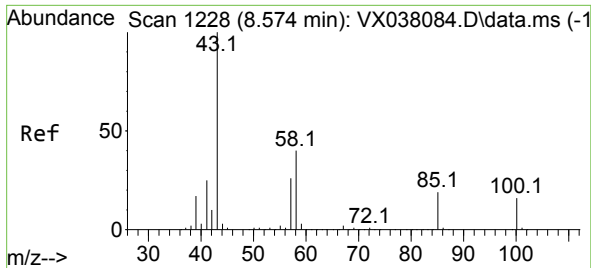
Tgt Ion: 98 Resp: 290252

Ion Ratio Lower Upper

98 100

100 64.3 53.1 79.7

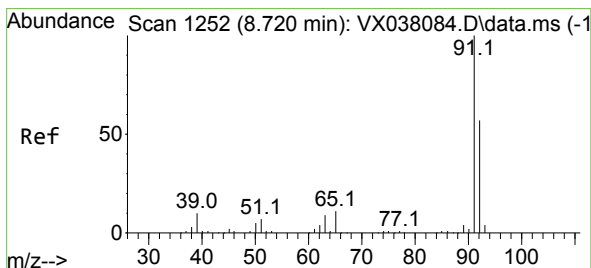
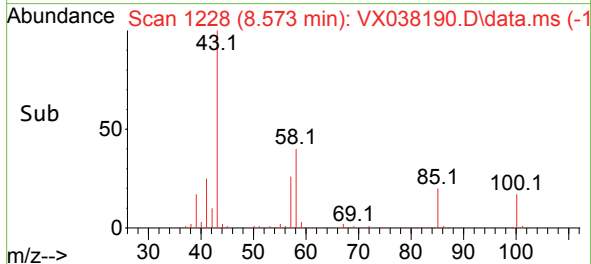
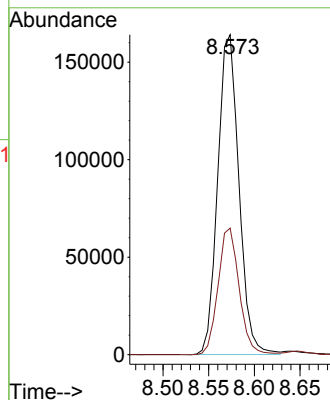
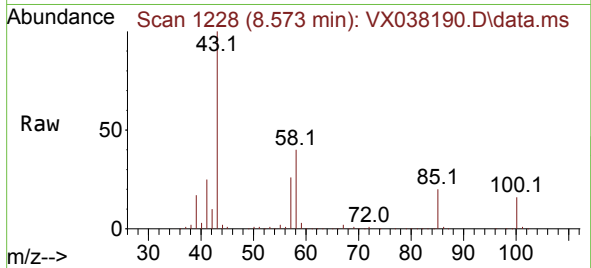




#51  
4-Methyl-2-Pentanone  
Concen: 102.422 ug/l  
RT: 8.573 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

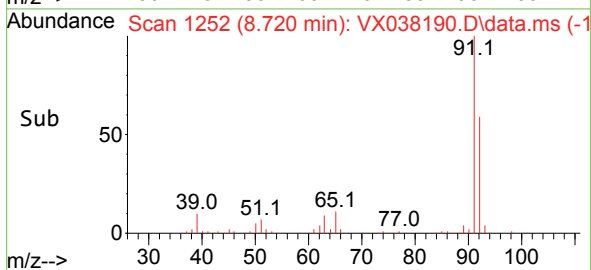
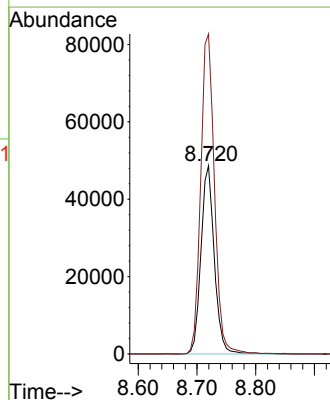
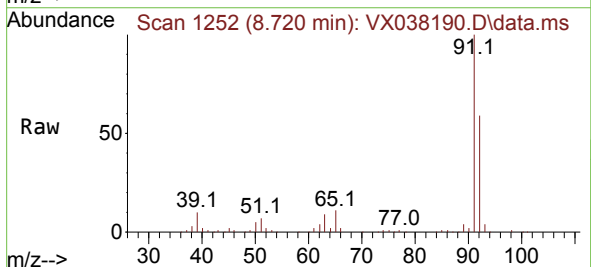
Instrument :  
MSVOA\_X  
ClientSampleId :

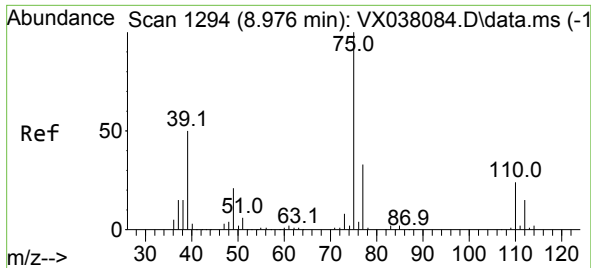
Tgt Ion: 43 Resp: 265052  
Ion Ratio Lower Upper  
43 100  
58 39.4 30.4 45.6



#52  
Toluene  
Concen: 19.931 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Tgt Ion: 92 Resp: 76842  
Ion Ratio Lower Upper  
92 100  
91 175.5 134.2 201.2

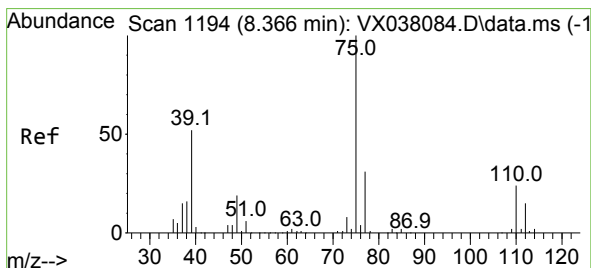
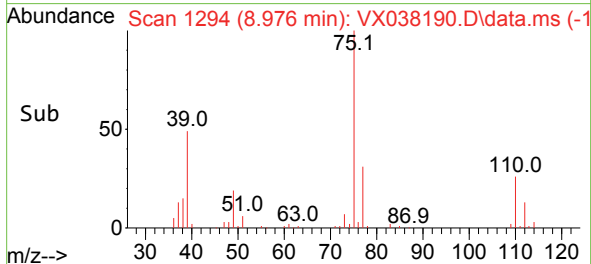
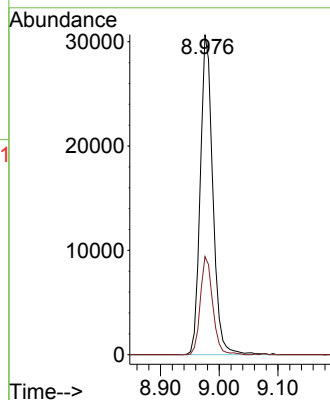
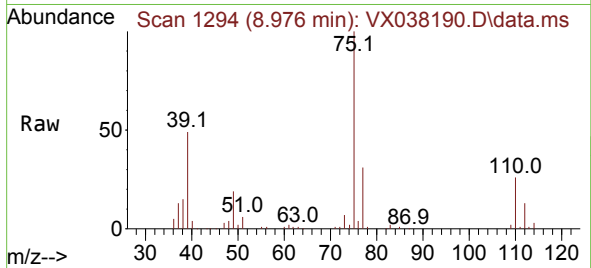




#53  
 t-1,3-Dichloropropene  
 Concen: 20.095 ug/l  
 RT: 8.976 min Scan# 1194  
 Delta R.T. -0.000 min  
 Lab File: VX038190.D  
 Acq: 10 Oct 2023 10:55

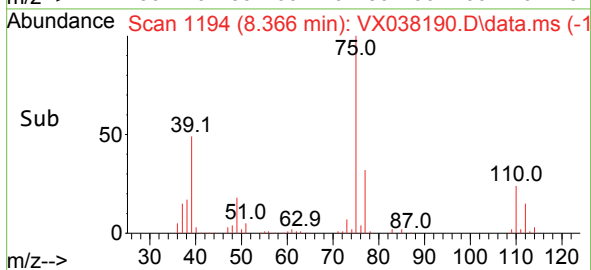
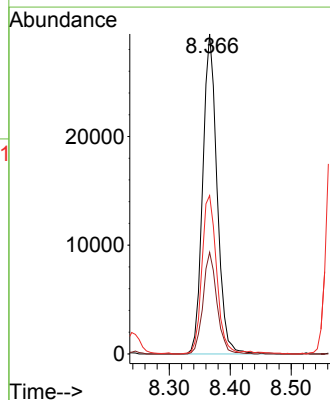
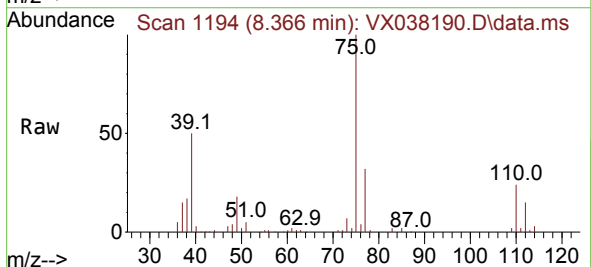
Instrument :  
 MSVOA\_X  
 ClientSampleId :

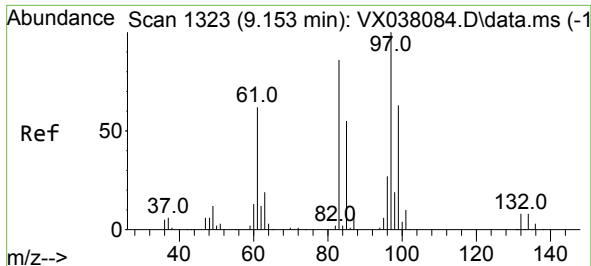
Tgt Ion: 75 Resp: 45589  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.220 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX038190.D  
 Acq: 10 Oct 2023 10:55

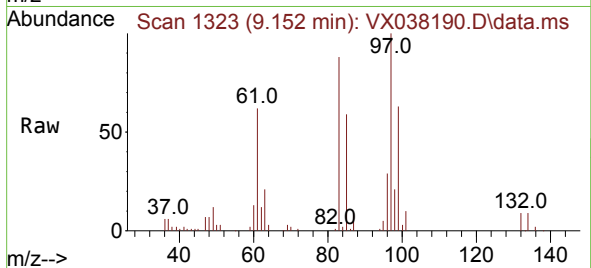
Tgt Ion: 75 Resp: 48197  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.3 37.9  
 39 49.5 46.7 70.1



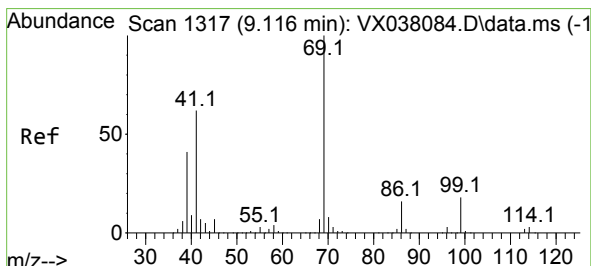
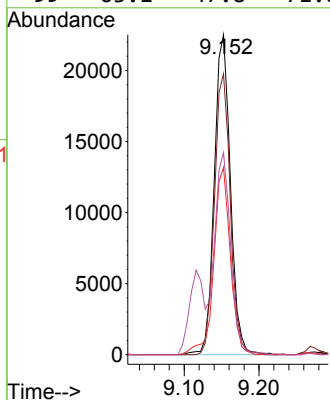
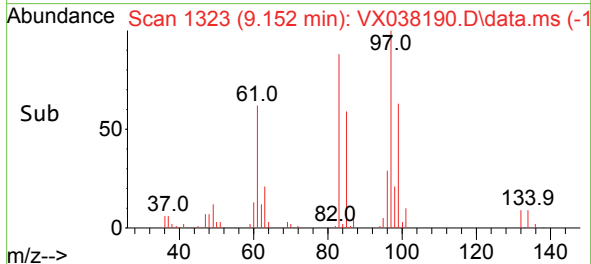


#55  
 1,1,2-Trichloroethane  
 Concen: 20.429 ug/l  
 RT: 9.152 min Scan# 11  
 Delta R.T. -0.001 min  
 Lab File: VX038190.D  
 Acq: 10 Oct 2023 10:55

Instrument :  
 MSVOA\_X  
 ClientSampleId :

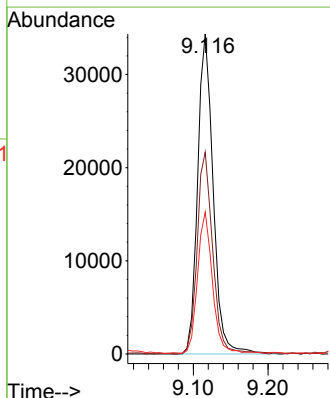
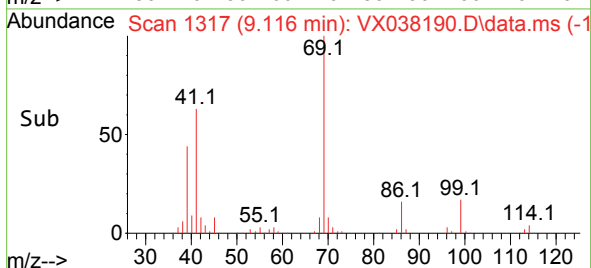
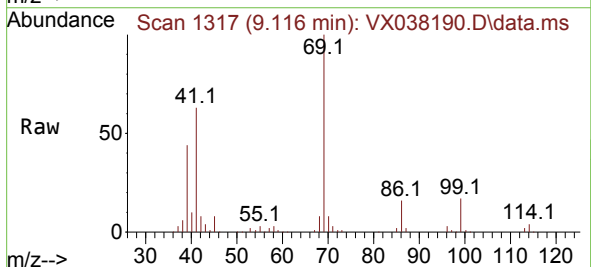


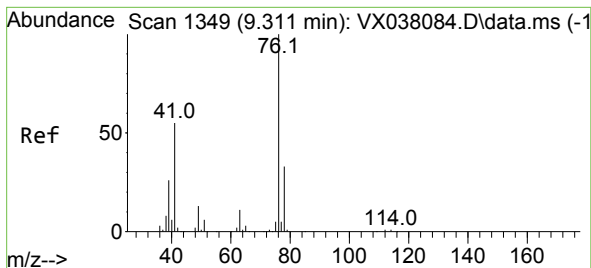
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 33689 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 87.7     | 65.8 98.8   |
| 85 58.5     | 41.6 62.4   |
| 99 63.1     | 47.8 71.8   |



#56  
 Ethyl methacrylate  
 Concen: 19.596 ug/l  
 RT: 9.116 min Scan# 1317  
 Delta R.T. -0.000 min  
 Lab File: VX038190.D  
 Acq: 10 Oct 2023 10:55

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 49548 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 63.2     | 56.8 85.2   |
| 39 42.3     | 32.0 48.0   |





#57

1,3-Dichloropropane

Concen: 20.168 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

Instrument :

MSVOA\_X

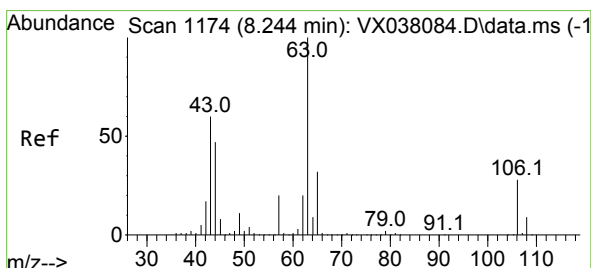
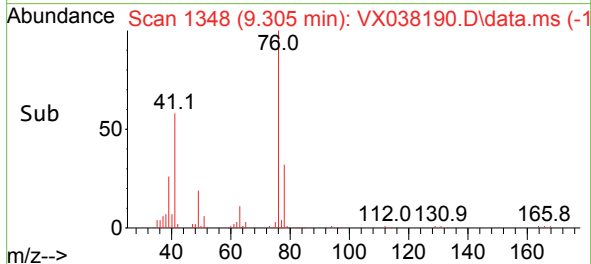
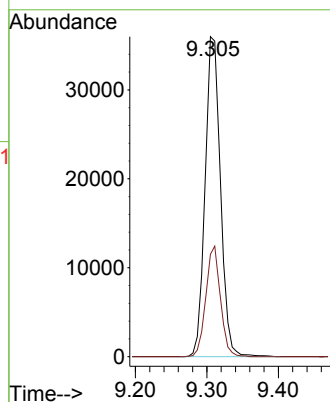
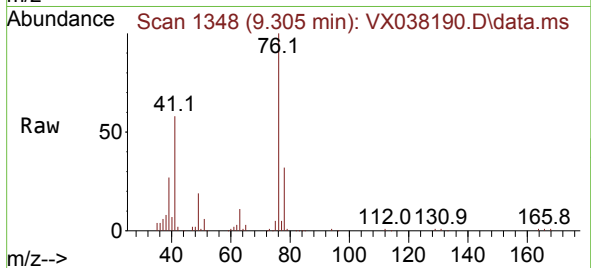
ClientSampleId :

Tgt Ion: 76 Resp: 53792

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 101.081 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038190.D

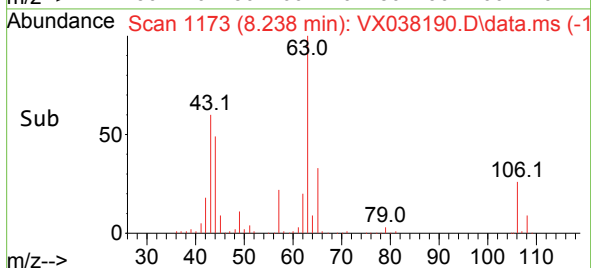
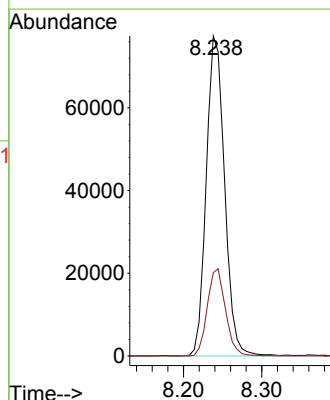
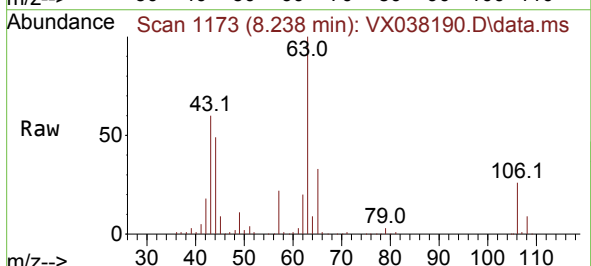
Acq: 10 Oct 2023 10:55

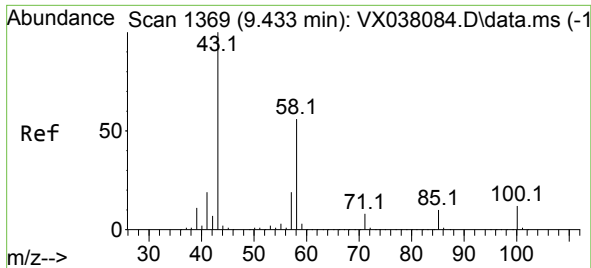
Tgt Ion: 63 Resp: 125453

Ion Ratio Lower Upper

63 100

106 27.1 22.5 33.7

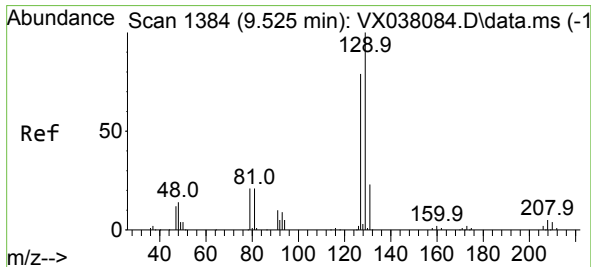
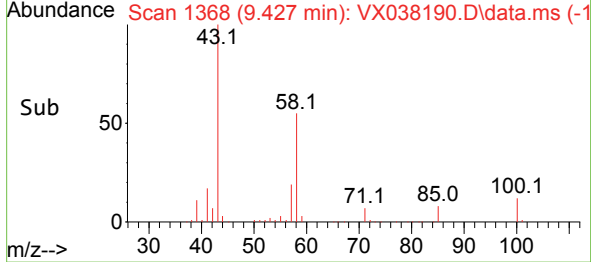
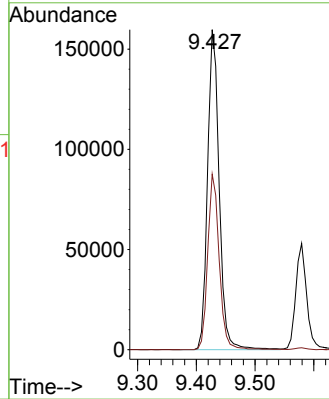
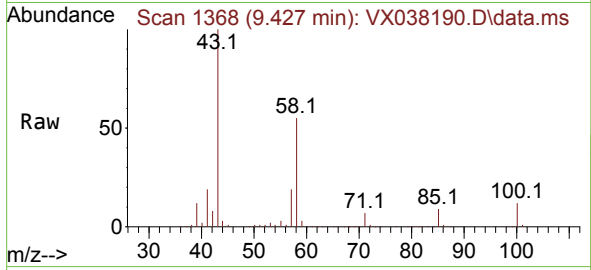




#59  
2-Hexanone  
Concen: 105.693 ug/l  
RT: 9.427 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

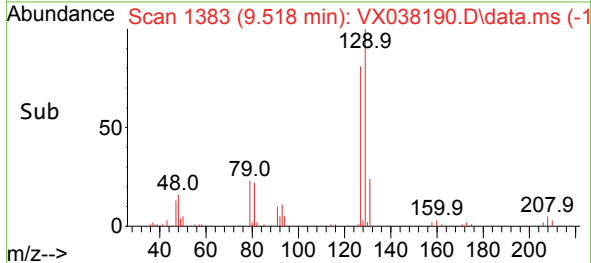
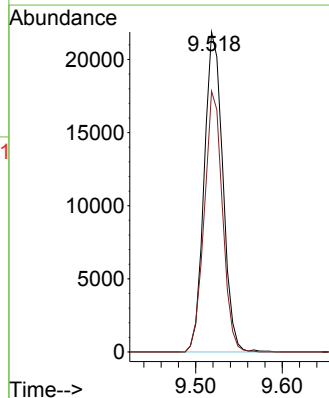
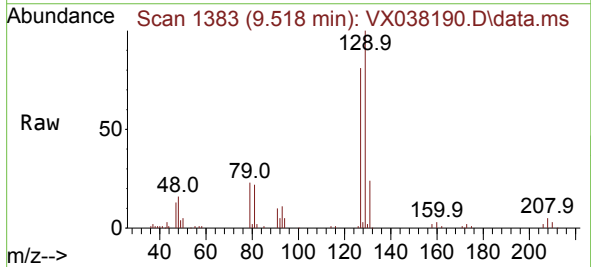
Instrument :  
MSVOA\_X  
ClientSampleId :

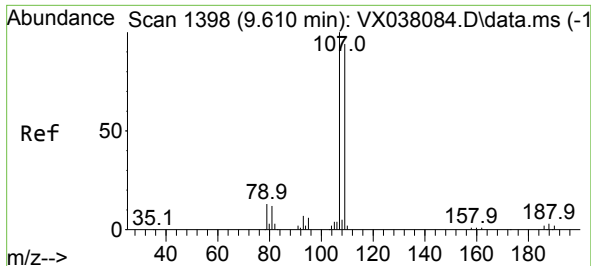
Tgt Ion: 43 Resp: 219887  
Ion Ratio Lower Upper  
43 100  
58 54.2 26.2 78.5



#60  
Dibromochloromethane  
Concen: 20.212 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.007 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Tgt Ion: 129 Resp: 32622  
Ion Ratio Lower Upper  
129 100  
127 79.6 38.8 116.4

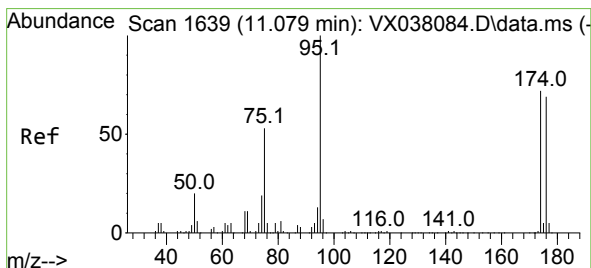
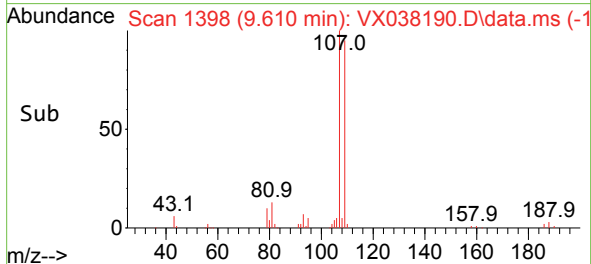
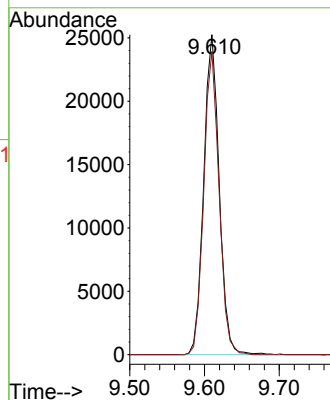
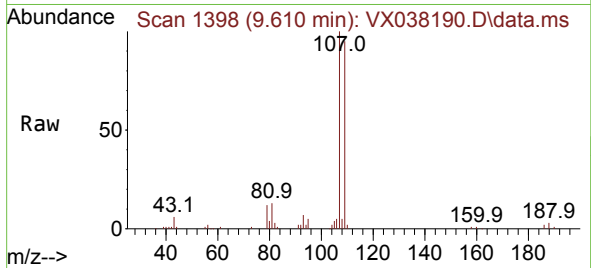




#61  
1,2-Dibromoethane  
Concen: 20.372 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

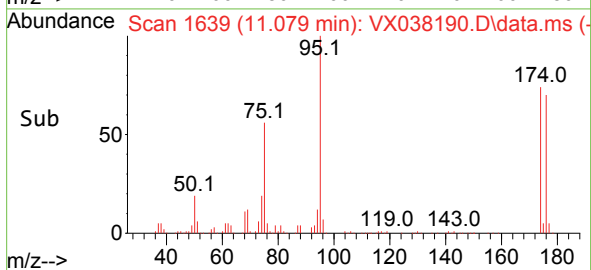
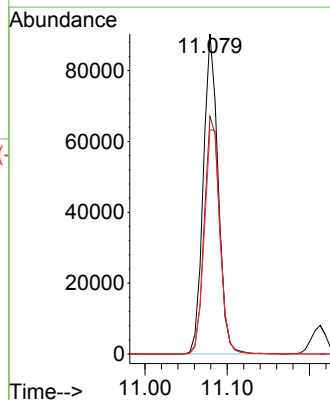
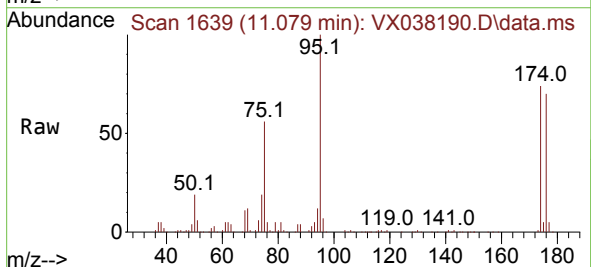
Instrument :  
MSVOA\_X  
ClientSampleId :

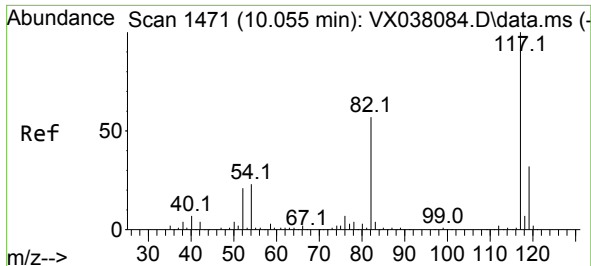
Tgt Ion:107 Resp: 36330  
Ion Ratio Lower Upper  
107 100  
109 93.1 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 50.937 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Tgt Ion: 95 Resp: 113236  
Ion Ratio Lower Upper  
95 100  
174 77.5 0.0 135.6  
176 74.1 0.0 131.0

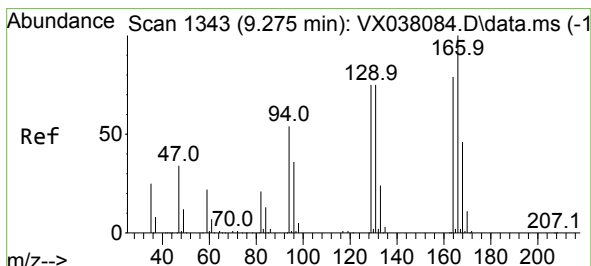
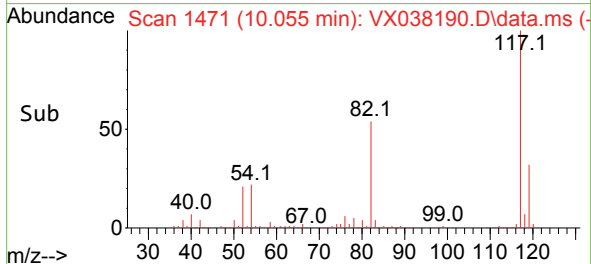
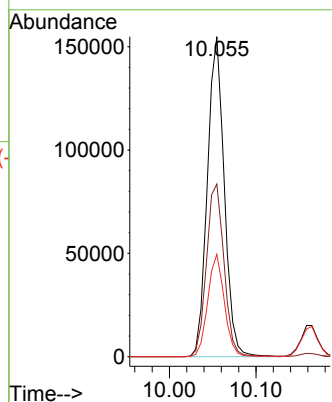
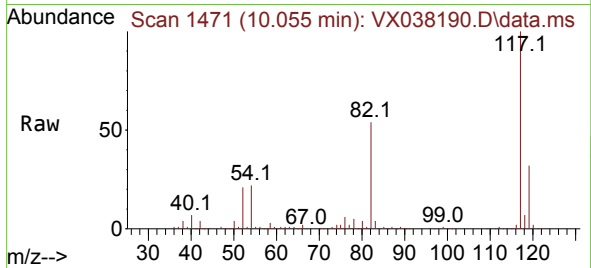




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

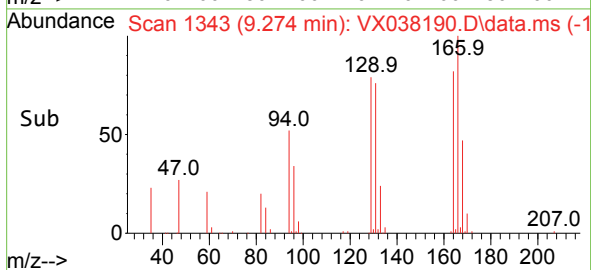
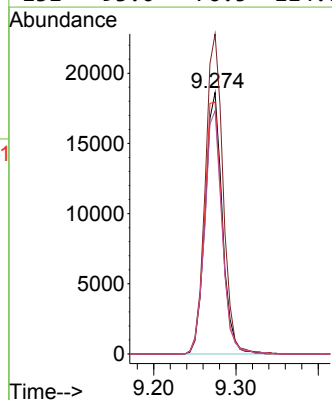
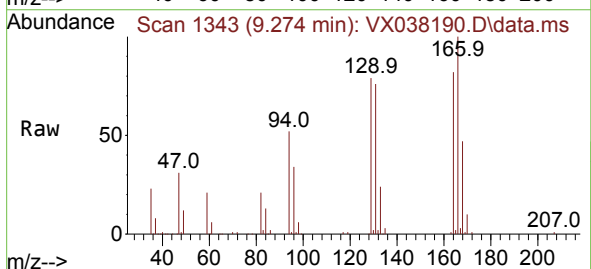
Instrument :  
MSVOA\_X  
ClientSampleId :

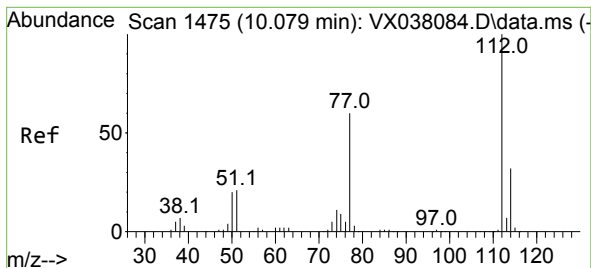
Tgt Ion:117 Resp: 209687  
Ion Ratio Lower Upper  
117 100  
82 54.0 46.2 69.4  
119 32.0 25.5 38.3



#64  
Tetrachloroethene  
Concen: 19.825 ug/l  
RT: 9.274 min Scan# 1343  
Delta R.T. -0.001 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Tgt Ion:164 Resp: 26912  
Ion Ratio Lower Upper  
164 100  
166 122.4 102.7 154.1  
129 96.3 80.4 120.6  
131 93.0 76.5 114.7





#65

Chlorobenzene

Concen: 19.533 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

Instrument :

MSVOA\_X

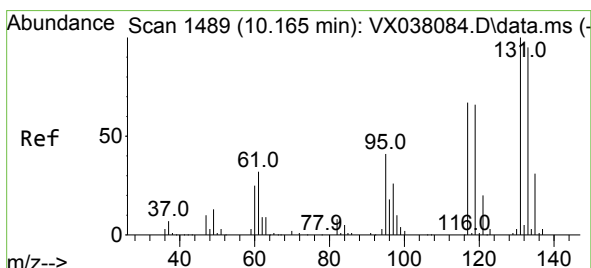
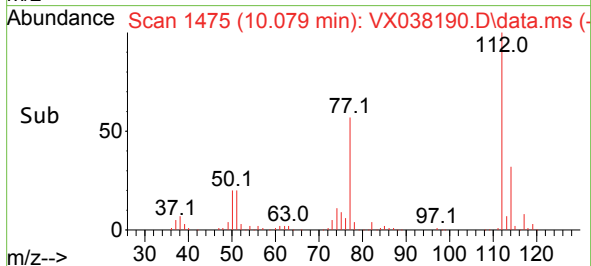
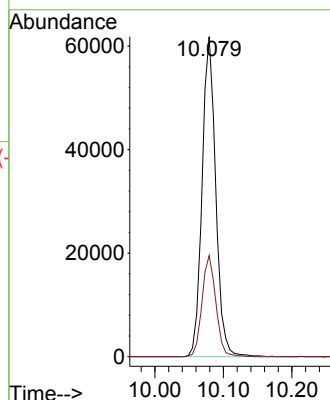
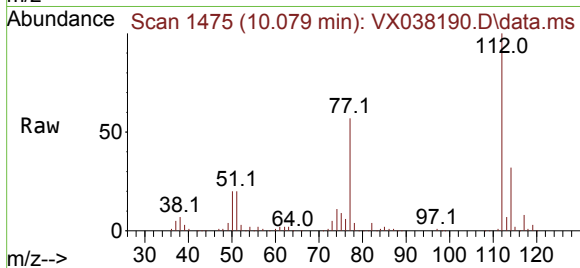
ClientSampleId :

Tgt Ion:112 Resp: 85709

Ion Ratio Lower Upper

112 100

114 31.6 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.673 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

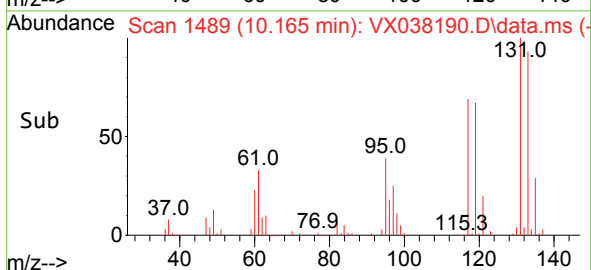
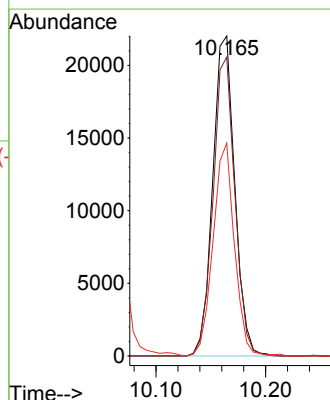
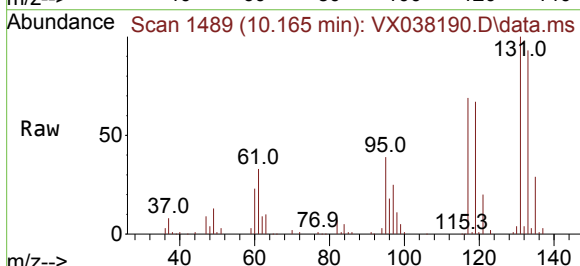
Tgt Ion:131 Resp: 30674

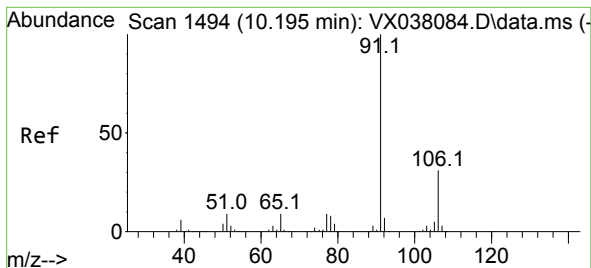
Ion Ratio Lower Upper

131 100

133 92.9 47.1 141.4

119 64.7 32.2 96.6





#67

Ethyl Benzene

Concen: 19.405 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

Instrument :

MSVOA\_X

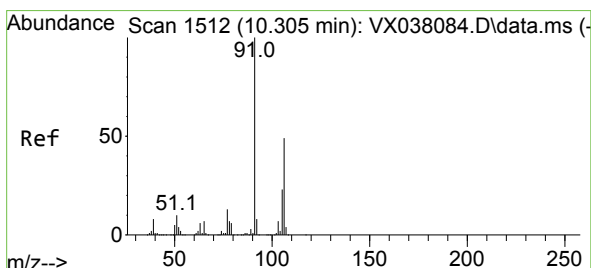
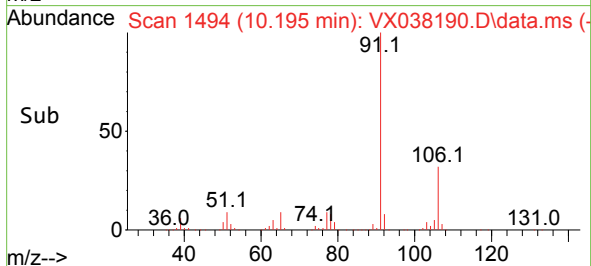
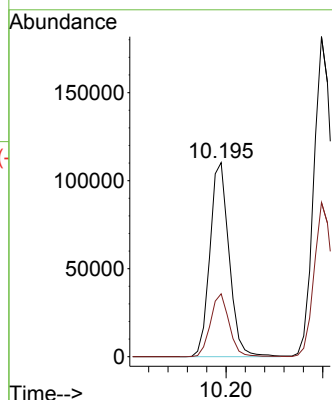
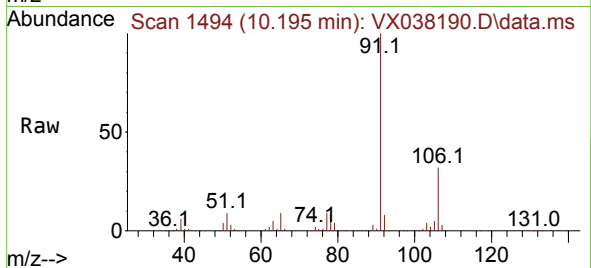
ClientSampleId :

Tgt Ion: 91 Resp: 151986

Ion Ratio Lower Upper

91 100

106 32.4 24.9 37.3



#68

m/p-Xylenes

Concen: 38.821 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX038190.D

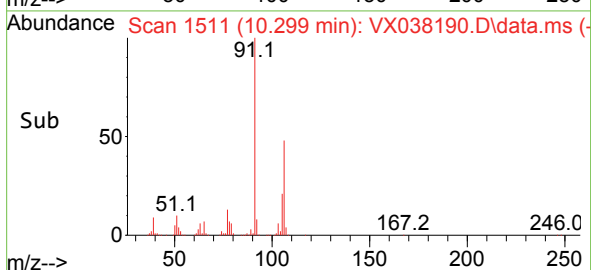
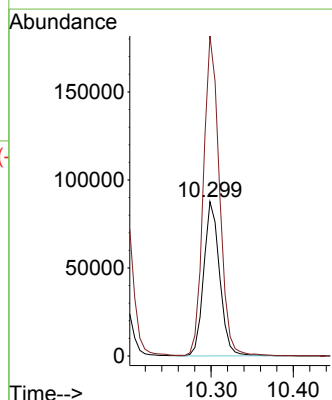
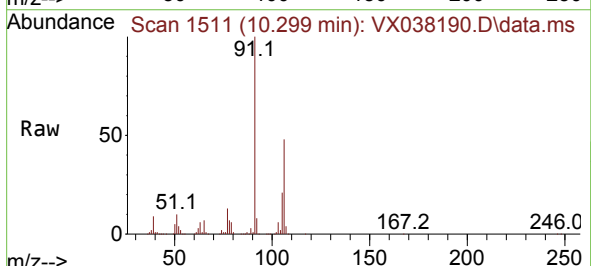
Acq: 10 Oct 2023 10:55

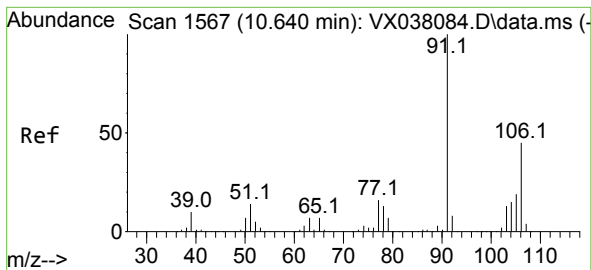
Tgt Ion:106 Resp: 117567

Ion Ratio Lower Upper

106 100

91 209.5 165.5 248.3





#69

o-Xylene

Concen: 19.338 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

Instrument :

MSVOA\_X

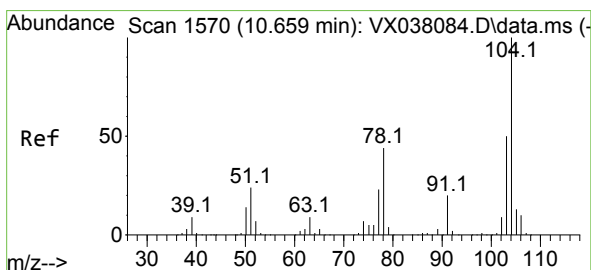
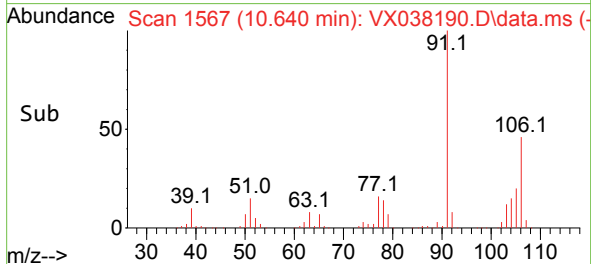
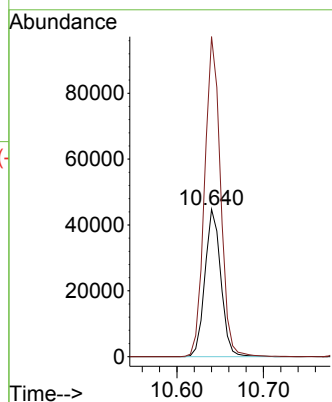
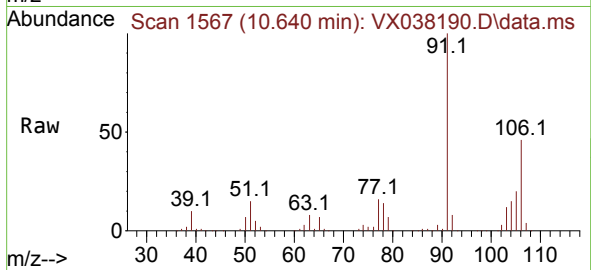
ClientSampleId :

Tgt Ion:106 Resp: 57157

Ion Ratio Lower Upper

106 100

91 216.8 108.9 326.8



#70

Styrene

Concen: 19.702 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.007 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

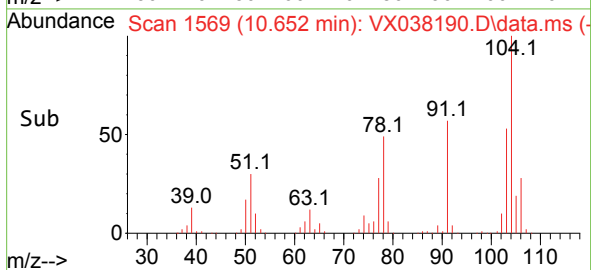
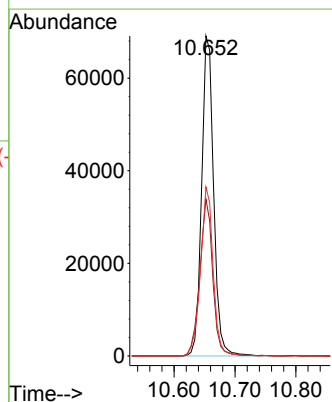
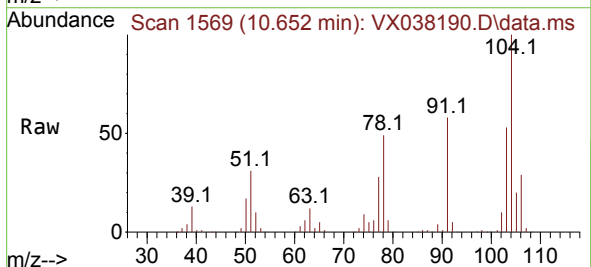
Tgt Ion:104 Resp: 94833

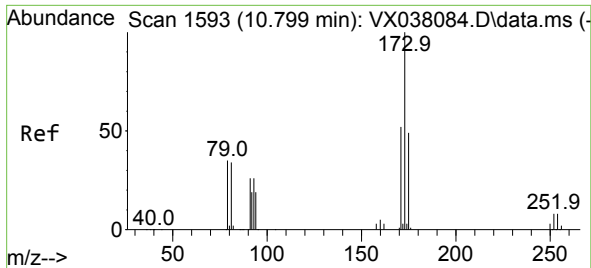
Ion Ratio Lower Upper

104 100

78 52.6 43.6 65.4

103 55.7 43.6 65.4

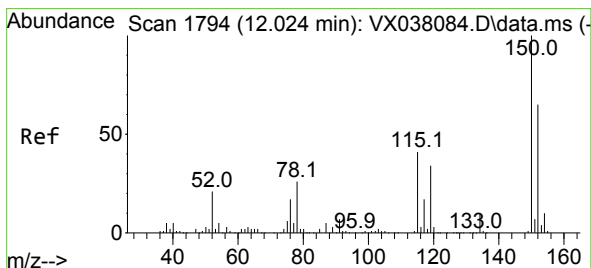
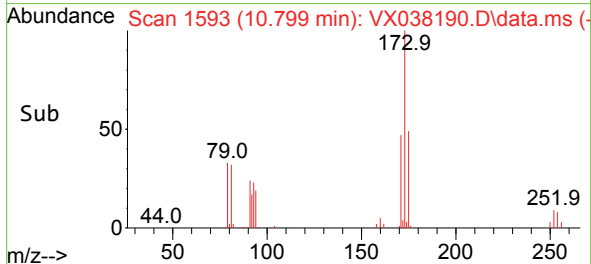
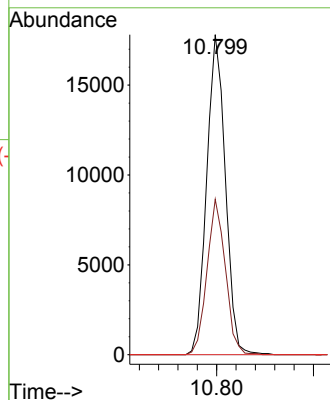
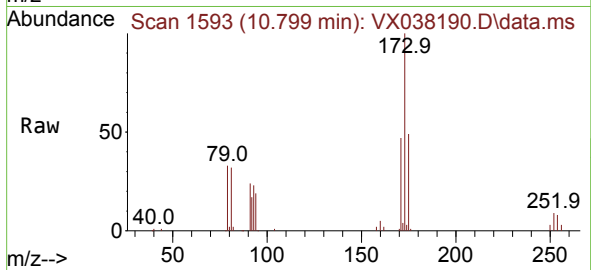




#71  
Bromoform  
Concen: 19.229 ug/l  
RT: 10.799 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

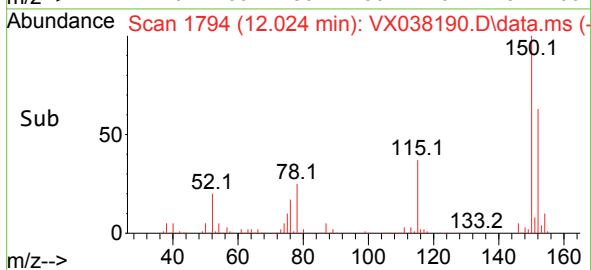
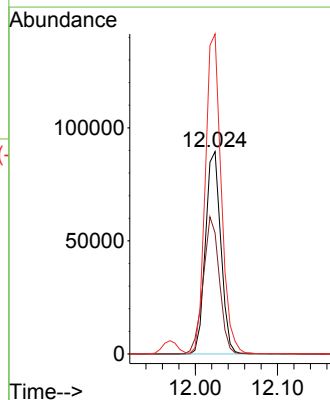
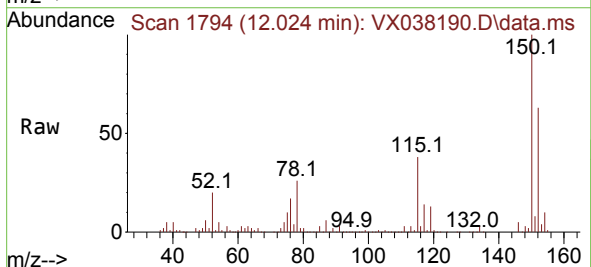
Instrument :  
MSVOA\_X  
ClientSampleId :

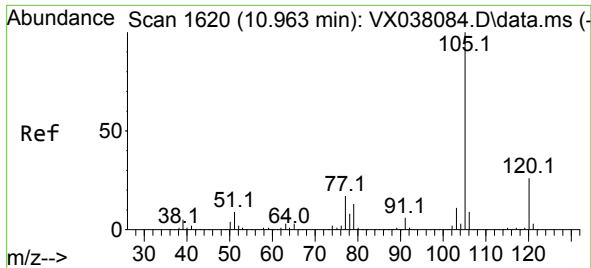
Tgt Ion:173 Resp: 23895  
Ion Ratio Lower Upper  
173 100  
175 47.9 24.1 72.4  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Tgt Ion:152 Resp: 116303  
Ion Ratio Lower Upper  
152 100  
115 71.2 43.3 129.9  
150 163.1 0.0 345.0

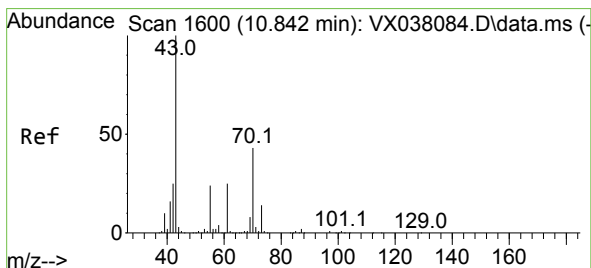
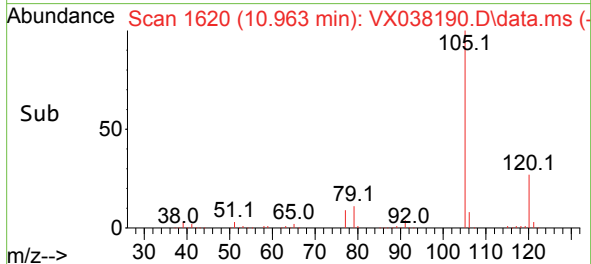
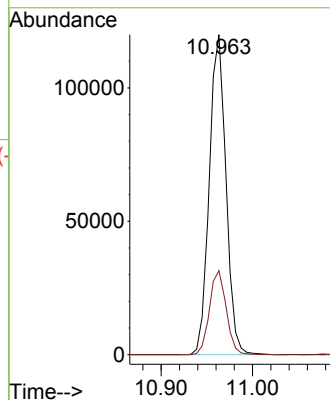
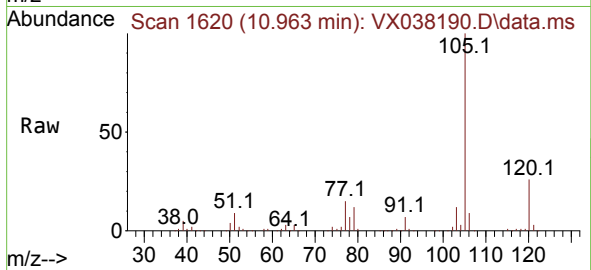




#73  
Isopropylbenzene  
Concen: 19.454 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

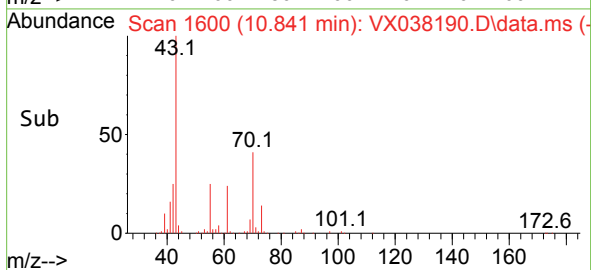
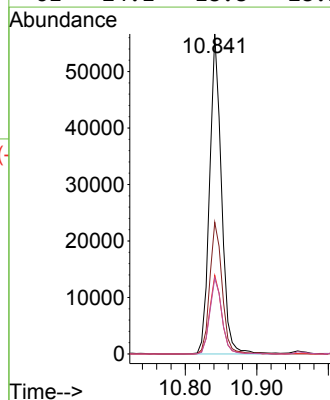
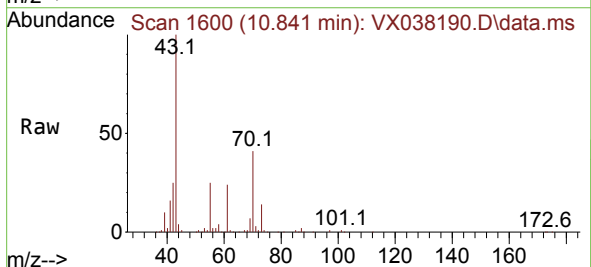
Instrument :  
MSVOA\_X  
ClientSampleId :

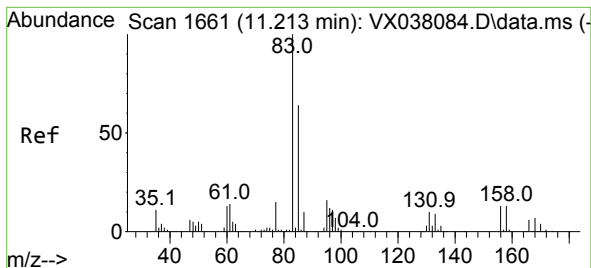
Tgt Ion:105 Resp: 151732  
Ion Ratio Lower Upper  
105 100  
120 26.3 12.9 38.6



#74  
N-ethyl acetate  
Concen: 19.625 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.001 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Tgt Ion: 43 Resp: 65365  
Ion Ratio Lower Upper  
43 100  
70 42.5 32.9 49.3  
55 25.1 19.3 28.9  
61 24.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.220 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

Instrument :

MSVOA\_X

ClientSampleId :

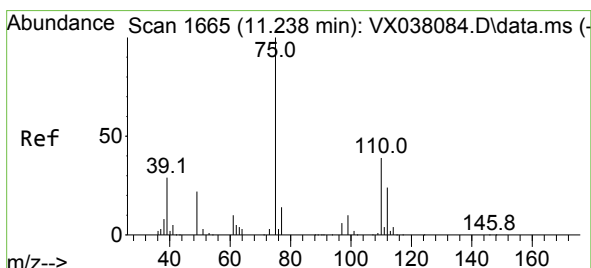
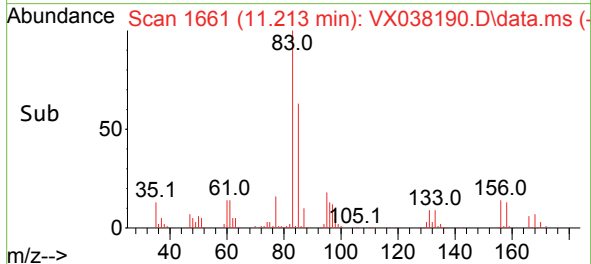
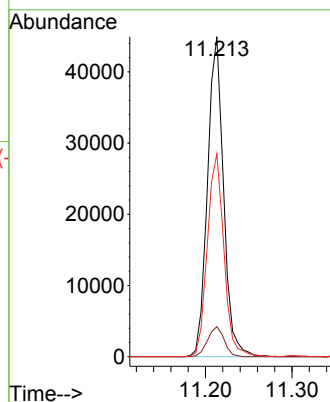
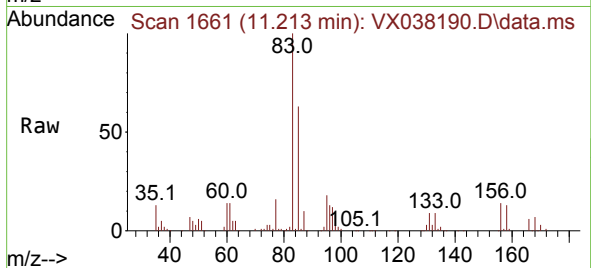
Tgt Ion: 83 Resp: 57870

Ion Ratio Lower Upper

83 100

131 9.7 5.3 15.8

85 65.4 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 22.776 ug/l

RT: 11.237 min Scan# 1665

Delta R.T. -0.001 min

Lab File: VX038190.D

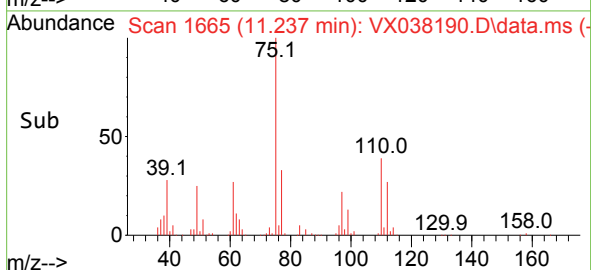
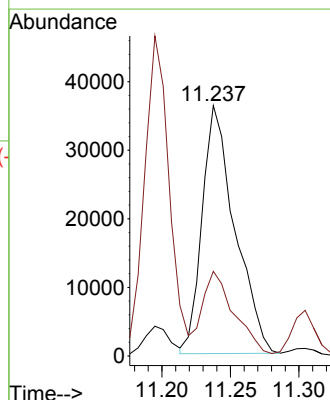
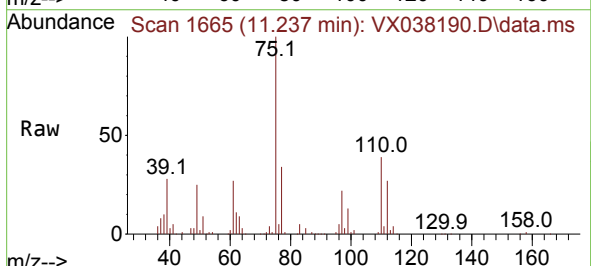
Acq: 10 Oct 2023 10:55

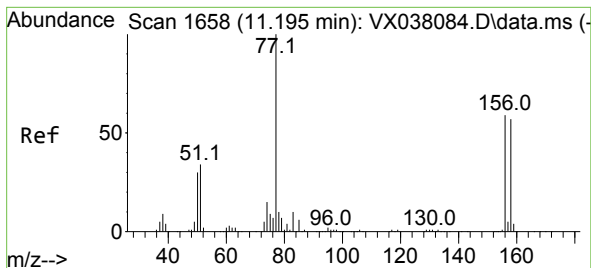
Tgt Ion: 75 Resp: 60219

Ion Ratio Lower Upper

75 100

77 33.7 19.1 57.5





#77

Bromobenzene

Concen: 19.449 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

Instrument :

MSVOA\_X

ClientSampleId :

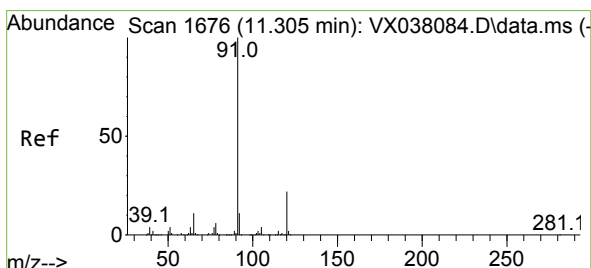
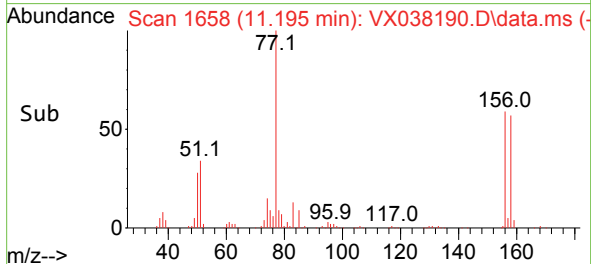
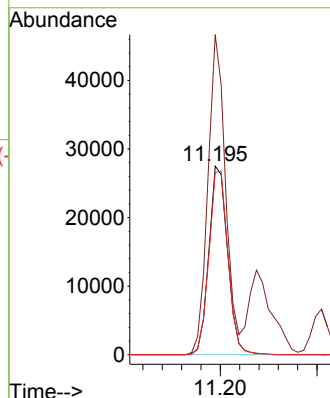
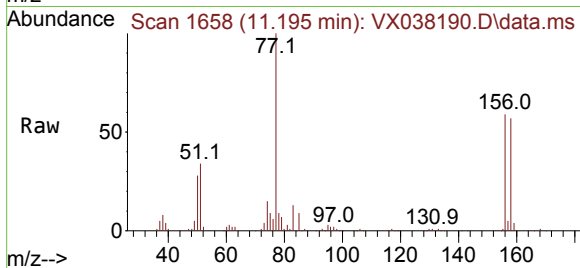
Tgt Ion:156 Resp: 37036

Ion Ratio Lower Upper

156 100

77 159.1 88.4 265.3

158 99.2 48.0 144.0



#78

n-propylbenzene

Concen: 19.500 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038190.D

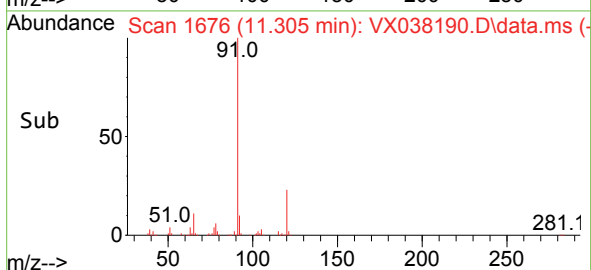
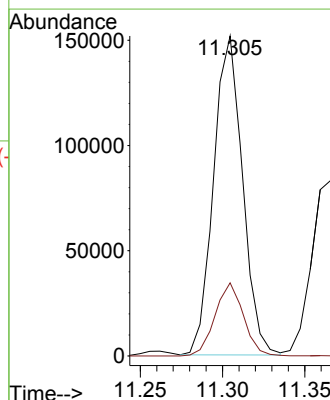
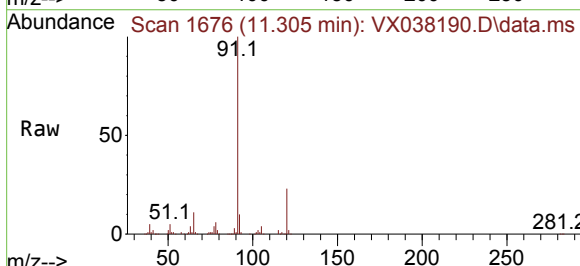
Acq: 10 Oct 2023 10:55

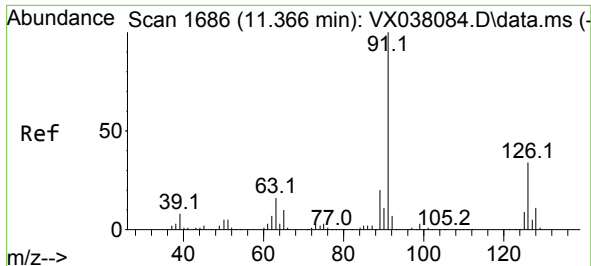
Tgt Ion: 91 Resp: 185971

Ion Ratio Lower Upper

91 100

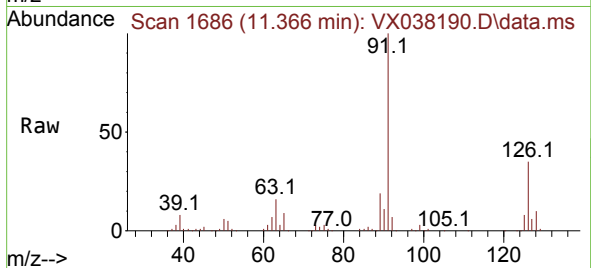
120 22.5 11.5 34.4



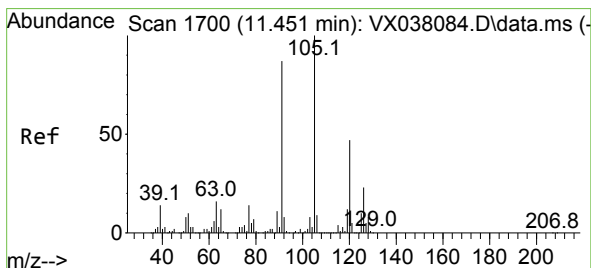
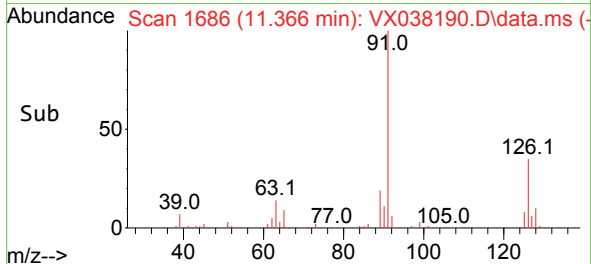
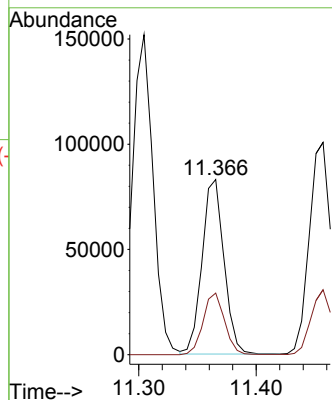


#79  
2-Chlorotoluene  
Concen: 18.993 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Instrument :  
MSVOA\_X  
ClientSampleId :

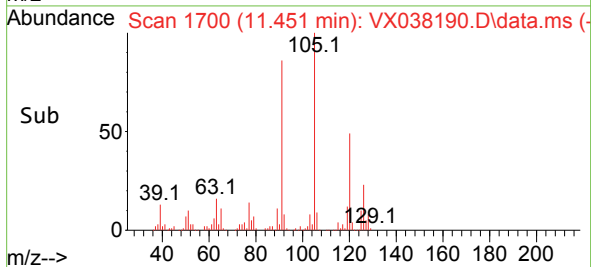
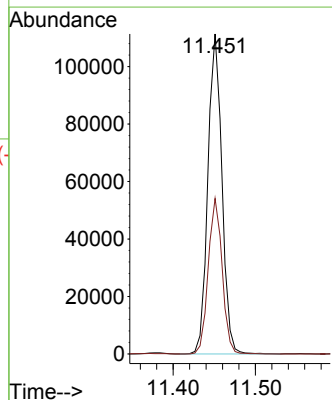
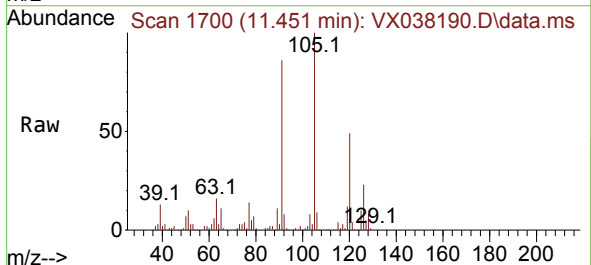


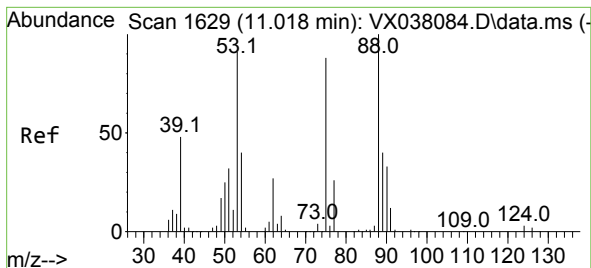
Tgt Ion: 91 Resp: 107420  
Ion Ratio Lower Upper  
91 100  
126 34.6 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 19.593 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Tgt Ion: 105 Resp: 131840  
Ion Ratio Lower Upper  
105 100  
120 48.1 24.1 72.3

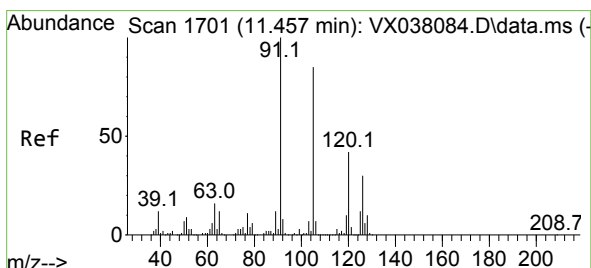
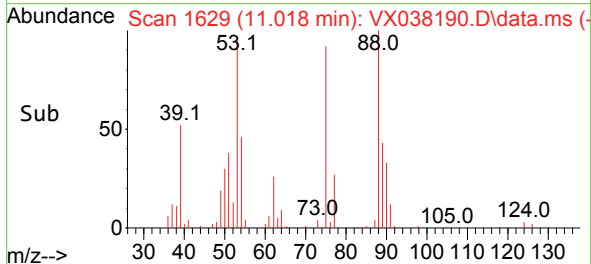
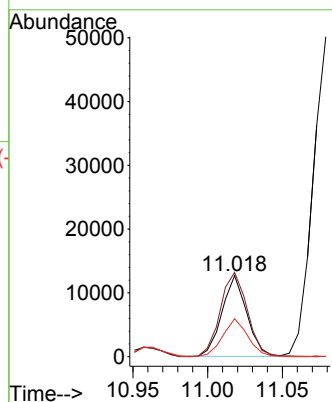
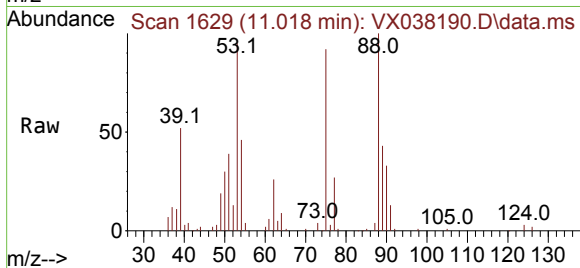




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.886 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

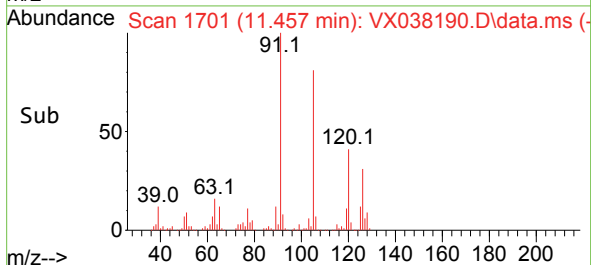
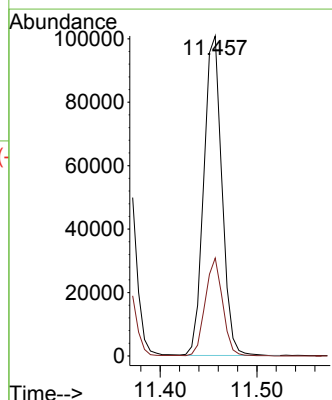
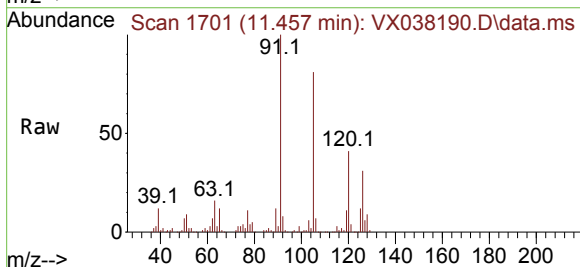
Instrument :  
MSVOA\_X  
ClientSampleId :

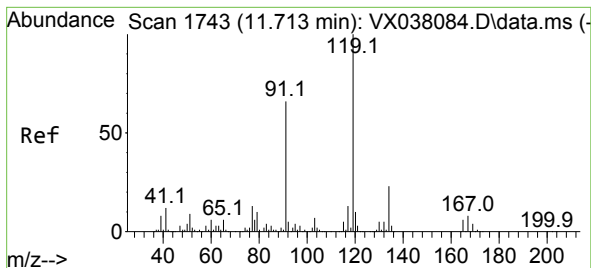
Tgt Ion: 75 Resp: 14628  
Ion Ratio Lower Upper  
75 100  
53 114.0 90.5 135.7  
89 47.6 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 19.610 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Tgt Ion: 91 Resp: 131244  
Ion Ratio Lower Upper  
91 100  
126 29.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.276 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

Instrument :

MSVOA\_X

ClientSampleId :

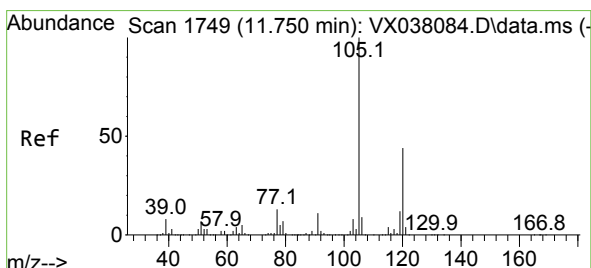
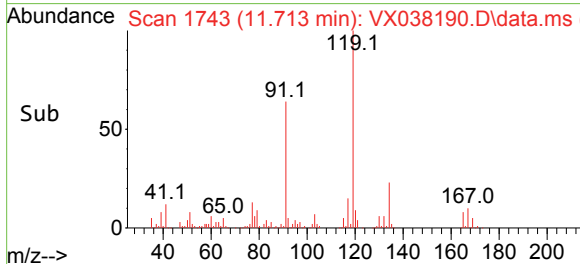
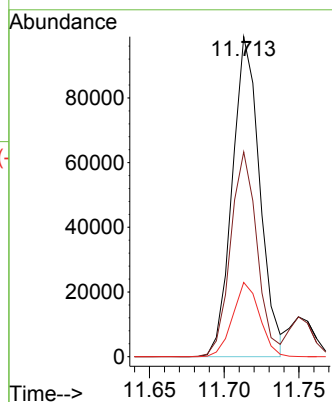
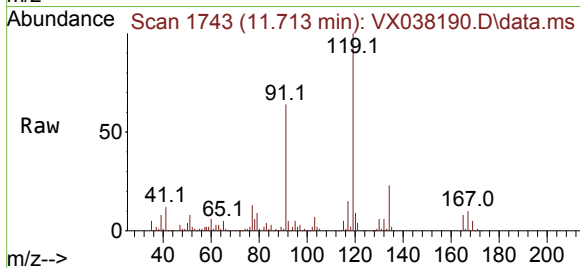
Tgt Ion:119 Resp: 126745

Ion Ratio Lower Upper

119 100

91 61.9 31.2 93.6

134 22.7 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 19.524 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038190.D

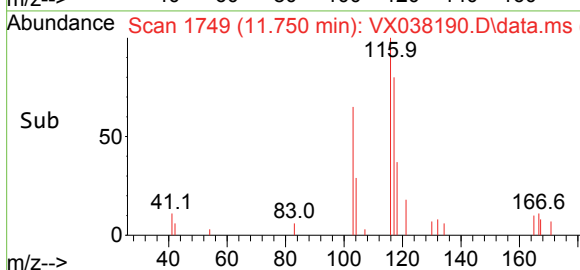
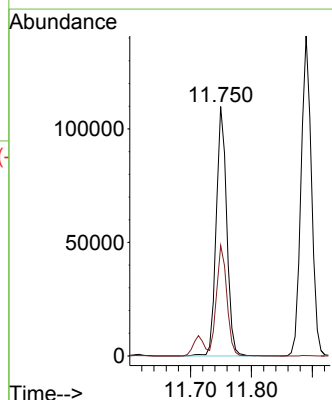
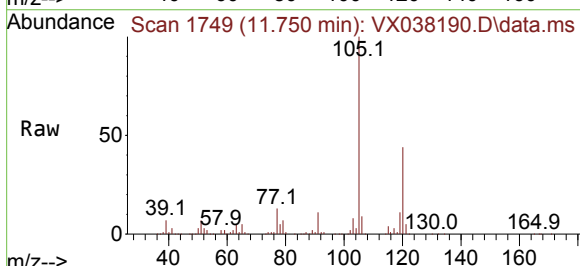
Acq: 10 Oct 2023 10:55

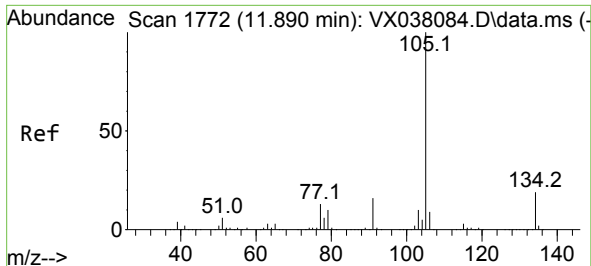
Tgt Ion:105 Resp: 130992

Ion Ratio Lower Upper

105 100

120 43.8 21.2 63.6

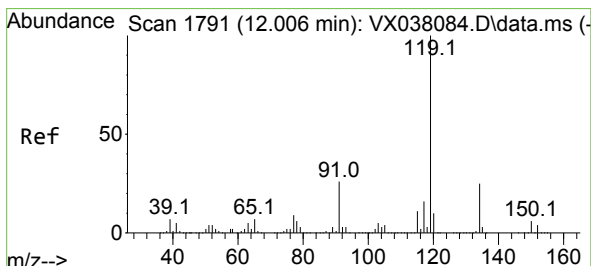
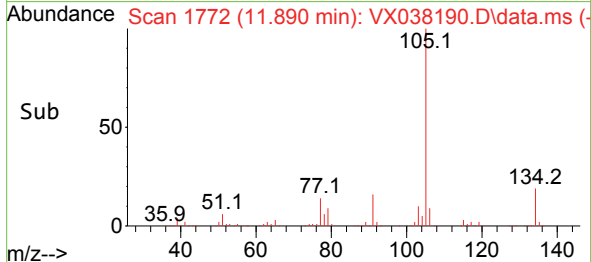
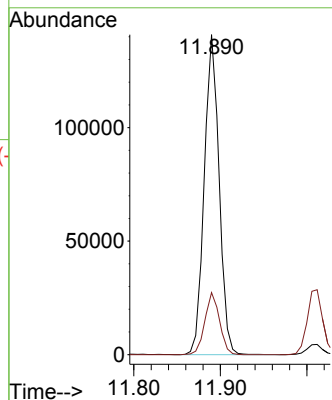
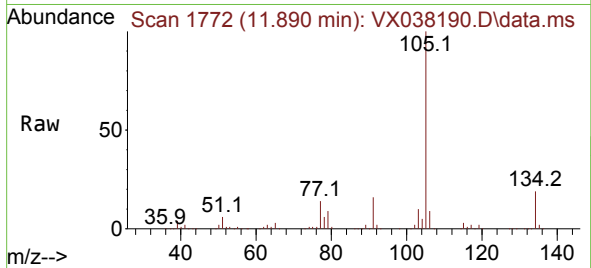




#85  
 sec-Butylbenzene  
 Concen: 19.689 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX038190.D  
 Acq: 10 Oct 2023 10:55

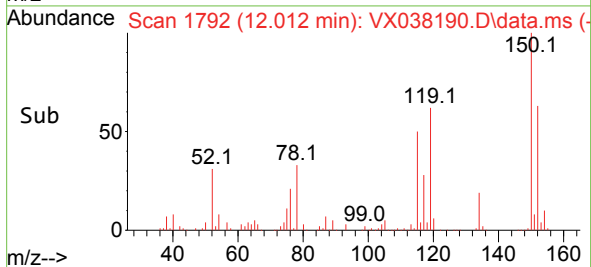
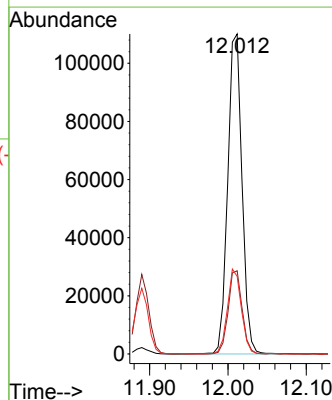
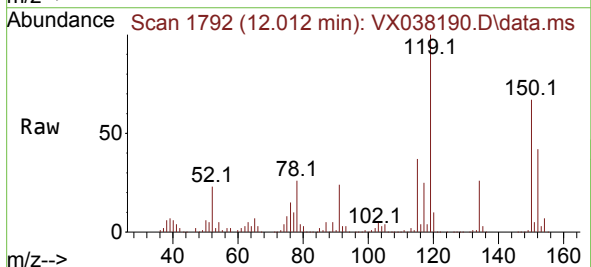
Instrument :  
 MSVOA\_X  
 ClientSampleId :

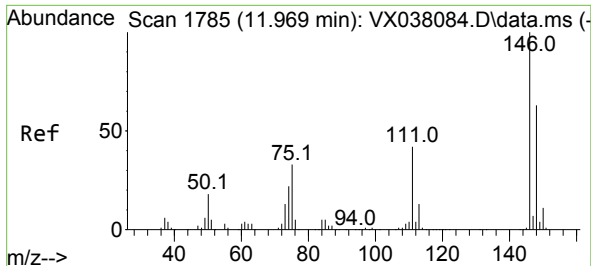
Tgt Ion:105 Resp: 167695  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 19.871 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.006 min  
 Lab File: VX038190.D  
 Acq: 10 Oct 2023 10:55

Tgt Ion:119 Resp: 139640  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 12.8 38.3  
 91 25.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.343 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

Instrument :

MSVOA\_X

ClientSampleId :

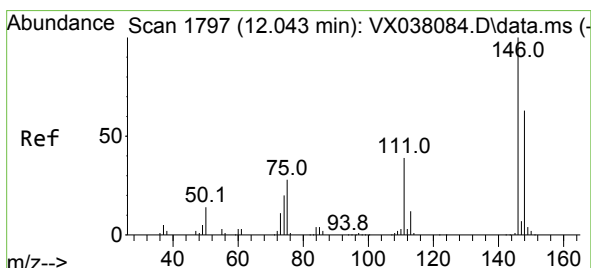
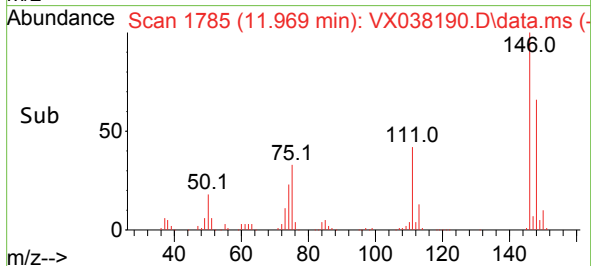
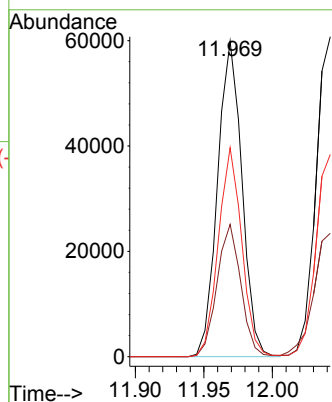
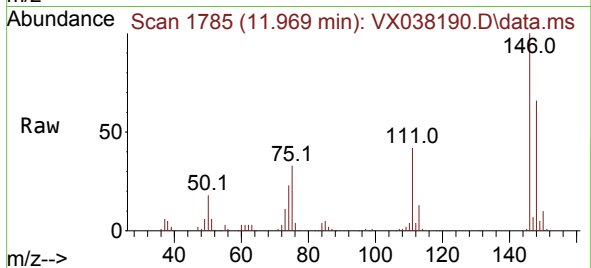
Tgt Ion:146 Resp: 73983

Ion Ratio Lower Upper

146 100

111 41.1 22.1 66.1

148 63.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.376 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

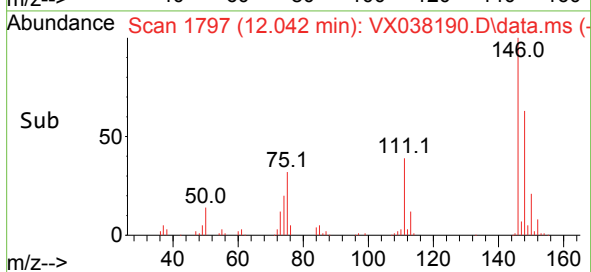
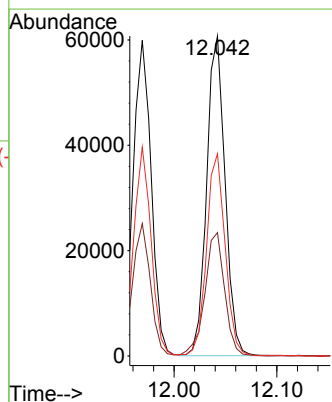
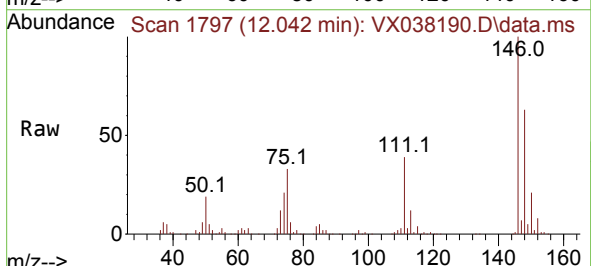
Tgt Ion:146 Resp: 75660

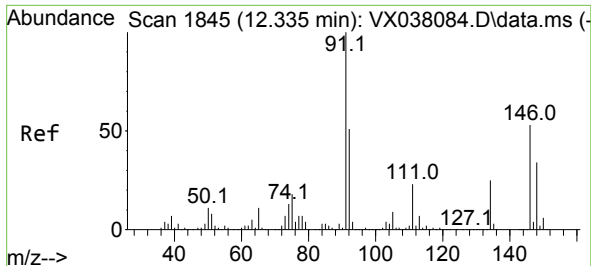
Ion Ratio Lower Upper

146 100

111 41.6 21.3 63.7

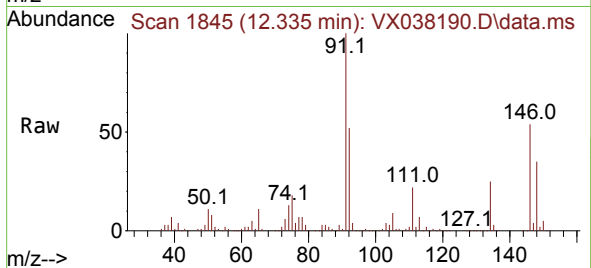
148 63.7 31.8 95.4



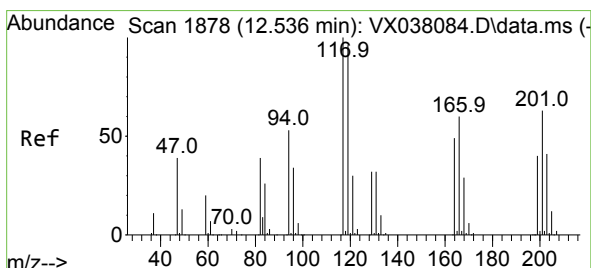
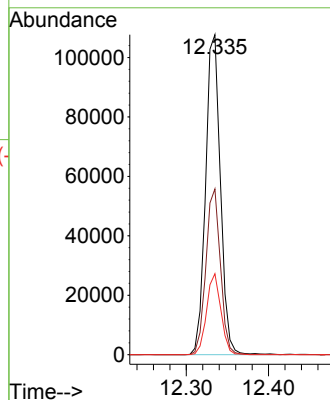
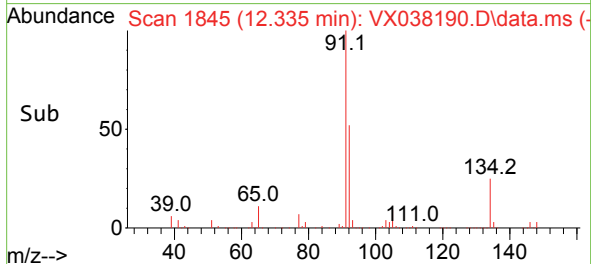


#89  
n-Butylbenzene  
Concen: 19.298 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

Instrument :  
MSVOA\_X  
ClientSampleId :

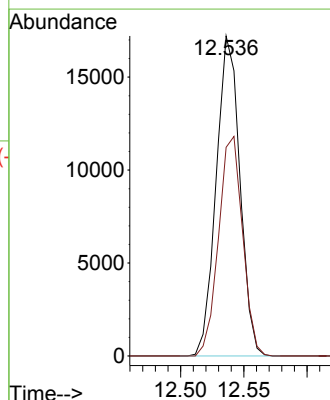
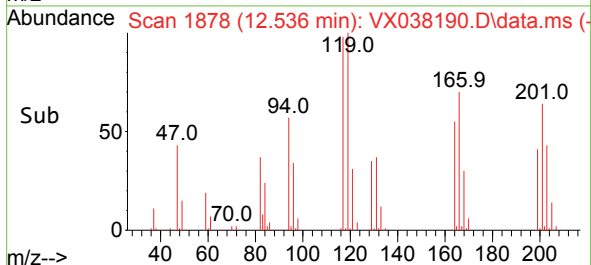
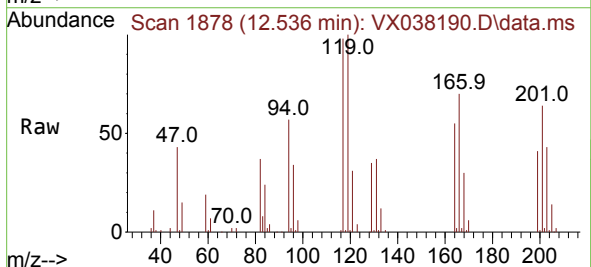


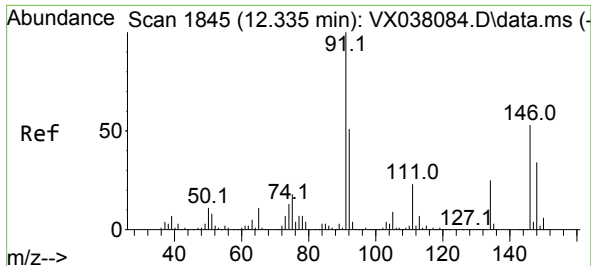
Tgt Ion: 91 Resp: 135059  
Ion Ratio Lower Upper  
91 100  
92 50.8 27.4 82.0  
134 24.4 12.6 37.8



#90  
Hexachloroethane  
Concen: 19.197 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

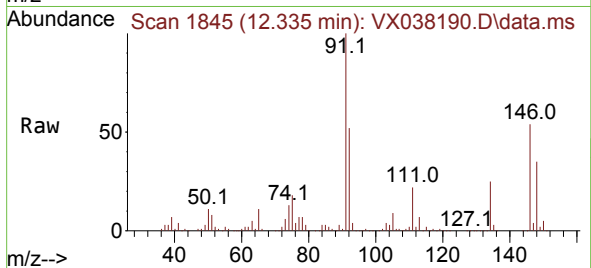
Tgt Ion: 117 Resp: 22367  
Ion Ratio Lower Upper  
117 100  
201 69.7 32.9 98.6



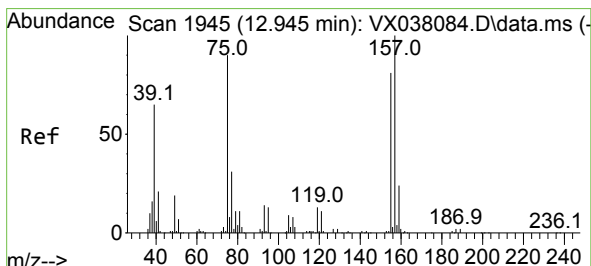
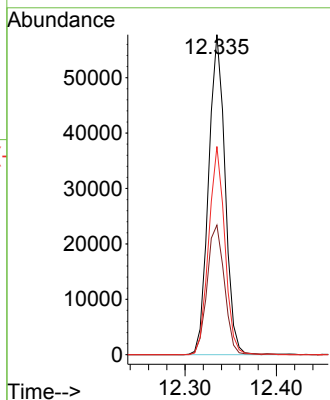
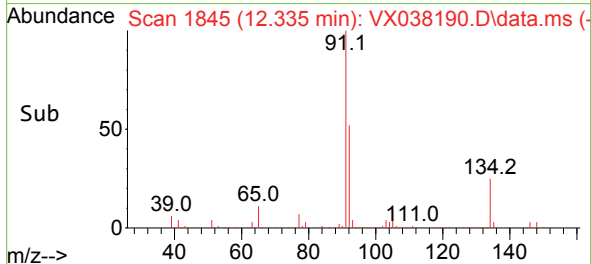


#91  
1,2-Dichlorobenzene  
Concen: 19.622 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55

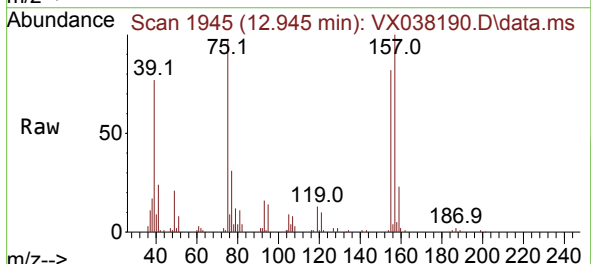
Instrument :  
MSVOA\_X  
ClientSampleId :



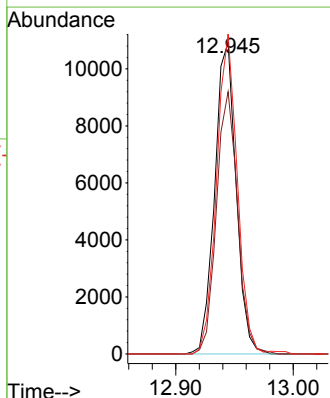
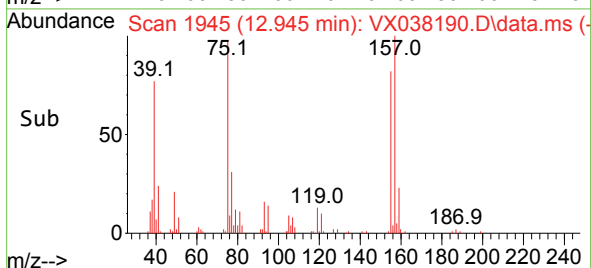
Tgt Ion:146 Resp: 72139  
Ion Ratio Lower Upper  
146 100  
111 42.4 22.4 67.0  
148 63.6 31.6 95.0

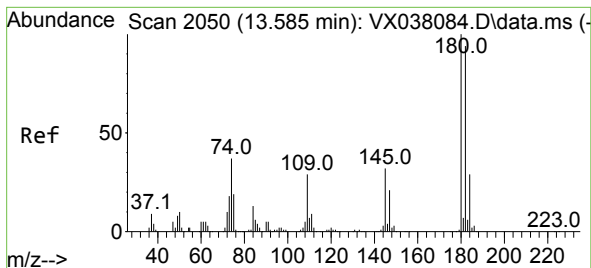


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.979 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.001 min  
Lab File: VX038190.D  
Acq: 10 Oct 2023 10:55



Tgt Ion: 75 Resp: 13825  
Ion Ratio Lower Upper  
75 100  
155 83.6 36.1 108.5  
157 100.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.300 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

Instrument :

MSVOA\_X

ClientSampleId :

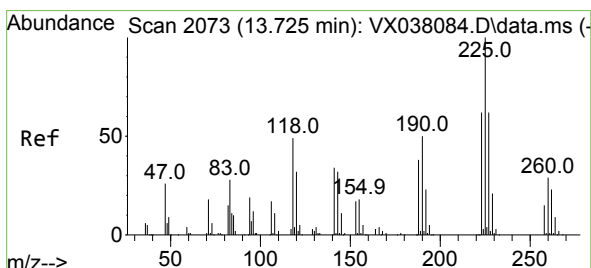
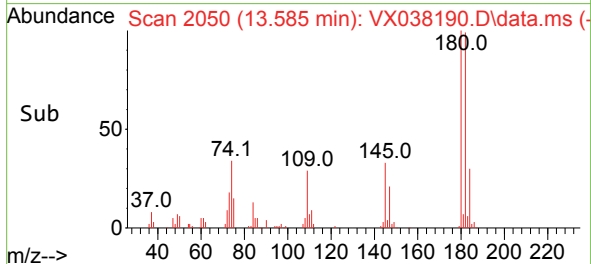
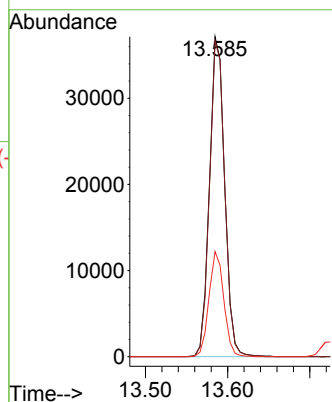
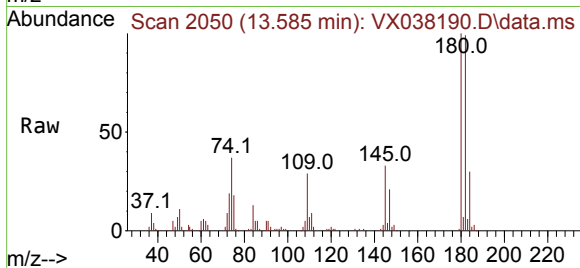
Tgt Ion:180 Resp: 47590

Ion Ratio Lower Upper

180 100

182 98.4 48.3 144.8

145 32.2 18.0 54.0



#94

Hexachlorobutadiene

Concen: 20.172 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

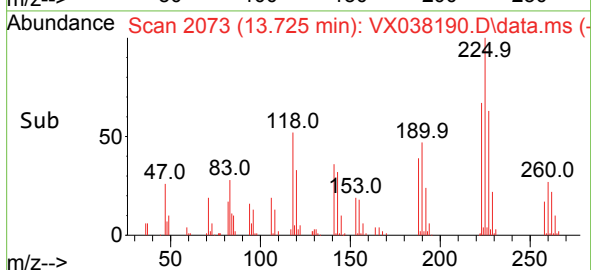
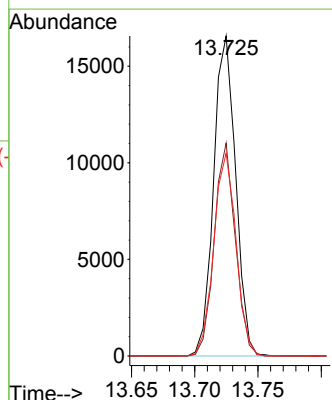
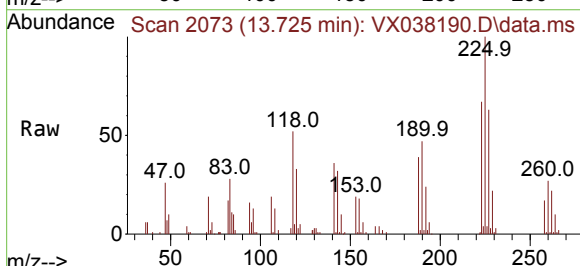
Tgt Ion:225 Resp: 20020

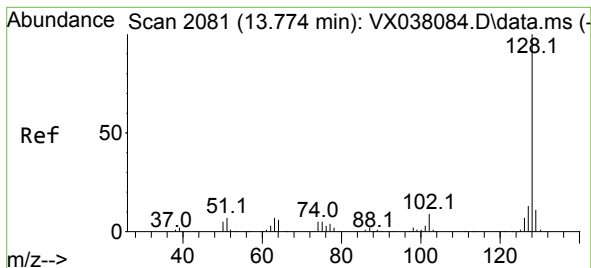
Ion Ratio Lower Upper

225 100

223 63.8 31.1 93.2

227 64.1 32.5 97.5





#95

Naphthalene

Concen: 19.059 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

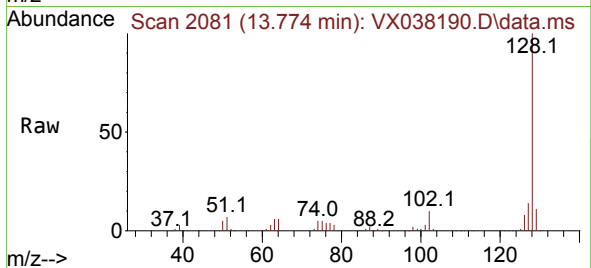
Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

Instrument :

MSVOA\_X

ClientSampleId :



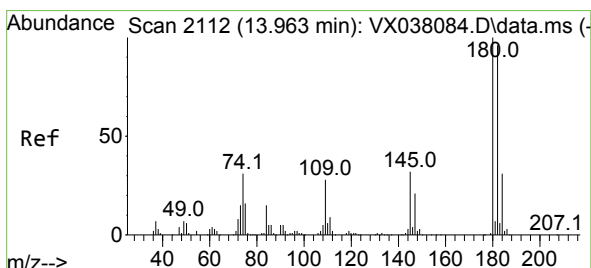
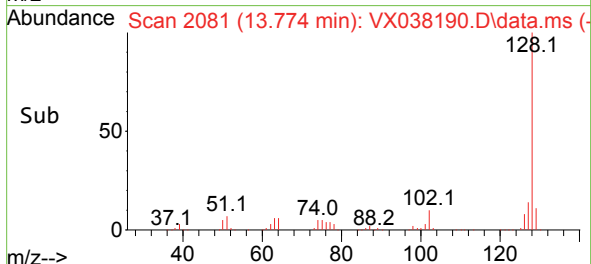
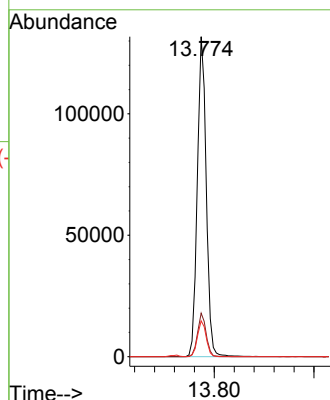
Tgt Ion:128 Resp: 163664

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.822 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038190.D

Acq: 10 Oct 2023 10:55

Tgt Ion:180 Resp: 47326

Ion Ratio Lower Upper

180 100

182 93.9 46.9 140.6

145 33.2 17.8 53.5

