

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032823\  
 Data File : VX034800.D  
 Acq On : 28 Mar 2023 17:59  
 Operator : JC/MD  
 Sample : VX0328WBSD02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0328WBSD02

Quant Time: Mar 29 04:04:50 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 13 10:29:32 2023  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 5.556          | 168  | 250112              | 50.000  | ug/l   | 0.01     |
| 34) 1,4-Difluorobenzene      | 6.763          | 114  | 428052              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 379537              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 184917              | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952          | 65   | 211279              | 58.066  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 116.140% |         |        |          |
| 35) Dibromofluoromethane     | 5.385          | 113  | 153508              | 54.316  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 108.640% |         |        |          |
| 50) Toluene-d8               | 8.647          | 98   | 532815              | 50.502  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 101.000% |         |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 212169              | 49.787  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 99.580%  |         |        |          |
| Target Compounds             |                |      |                     |         |        |          |
|                              |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.167          | 85   | 50222               | 21.539  | ug/l   | 99       |
| 3) Chloromethane             | 1.295          | 50   | 61688               | 16.588  | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.374          | 62   | 61370               | 19.330  | ug/l   | 97       |
| 5) Bromomethane              | 1.612          | 94   | 40308               | 25.163  | ug/l   | 94       |
| 6) Chloroethane              | 1.691          | 64   | 39853               | 21.801  | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 1.886          | 101  | 97845               | 20.510  | ug/l   | 99       |
| 8) Diethyl Ether             | 2.130          | 74   | 38288               | 21.986  | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331          | 101  | 54772               | 19.701  | ug/l   | 99       |
| 10) Methyl Iodide            | 2.453          | 142  | 68296               | 18.711  | ug/l   | 97       |
| 11) Tert butyl alcohol       | 2.965          | 59   | 68388               | 90.255  | ug/l   | 97       |
| 12) 1,1-Dichloroethene       | 2.319          | 96   | 52480               | 19.167  | ug/l   | 93       |
| 13) Acrolein                 | 2.233          | 56   | 61379               | 102.396 | ug/l   | 98       |
| 14) Allyl chloride           | 2.666          | 41   | 106619              | 19.207  | ug/l   | 97       |
| 15) Acrylonitrile            | 3.063          | 53   | 185758              | 113.488 | ug/l   | 98       |
| 16) Acetone                  | 2.380          | 43   | 165083              | 96.316  | ug/l   | 96       |
| 17) Carbon Disulfide         | 2.514          | 76   | 111508              | 14.471  | ug/l   | 99       |
| 18) Methyl Acetate           | 2.703          | 43   | 137090              | 24.479  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.111          | 73   | 224255              | 22.875  | ug/l   | 98       |
| 20) Methylene Chloride       | 2.788          | 84   | 68130               | 20.481  | ug/l   | 99       |
| 21) trans-1,2-Dichloroethene | 3.093          | 96   | 58324               | 20.058  | ug/l   | 99       |
| 22) Diisopropyl ether        | 3.758          | 45   | 234596              | 22.166  | ug/l   | 99       |
| 23) Vinyl Acetate            | 3.721          | 43   | 860852              | 106.874 | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 3.611          | 63   | 118981              | 20.913  | ug/l   | 98       |
| 25) 2-Butanone               | 4.556          | 43   | 264323              | 107.779 | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 4.477          | 77   | 93821               | 18.972  | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 4.489          | 96   | 72736               | 20.779  | ug/l   | 99       |
| 28) Bromochloromethane       | 4.898          | 49   | 63435               | 23.980  | ug/l   | 100      |
| 29) Tetrahydrofuran          | 5.001          | 42   | 170640              | 112.759 | ug/l   | 99       |
| 30) Chloroform               | 5.093          | 83   | 119818              | 21.485  | ug/l   | 97       |
| 31) Cyclohexane              | 5.471          | 56   | 97983               | 19.201  | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 5.385          | 97   | 99317               | 20.117  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.696          | 75   | 84576               | 19.484  | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.709          | 43   | 104066              | 21.944  | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.684          | 117  | 78686               | 18.221  | ug/l   | 97       |
| 39) Methylcyclohexane        | 7.379          | 83   | 89351               | 17.200  | ug/l   | 93       |
| 40) Benzene                  | 6.038          | 78   | 256734              | 20.217  | ug/l   | 99       |

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 Sample : VX0328WBSD02  
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 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0328WBSD02

Quant Time: Mar 29 04:04:50 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 13 10:29:32 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 56990    | 21.928  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 106828   | 22.890  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 174810   | 21.759  | ug/l   | 100      |
| 44) Trichloroethene           | 7.129  | 130  | 64365    | 19.508  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 69725    | 21.029  | ug/l   | 97       |
| 46) Dibromomethane            | 7.580  | 93   | 45987    | 20.401  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.824  | 83   | 83282    | 19.090  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.690  | 41   | 82987    | 21.478  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 7.678  | 88   | 27894    | 343.715 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 527186   | 113.119 | ug/l   | 99       |
| 52) Toluene                   | 8.720  | 92   | 164655   | 20.944  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 92317    | 18.783  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 101070   | 19.007  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 67137    | 21.518  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 109210   | 21.318  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 118212   | 21.318  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 270322   | 102.391 | ug/l   | 99       |
| 59) 2-Hexanone                | 9.427  | 43   | 393185   | 109.139 | ug/l   | 98       |
| 60) Dibromochloromethane      | 9.519  | 129  | 57885    | 17.689  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 69573    | 20.664  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 54770    | 21.483  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.080 | 112  | 171402   | 20.583  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 58469    | 19.278  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 306955   | 20.590  | ug/l   | 97       |
| 68) m/p-Xylenes               | 10.299 | 106  | 232192   | 40.545  | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 115898   | 20.167  | ug/l   | 98       |
| 70) Styrene                   | 10.653 | 104  | 188530   | 20.333  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 36649    | 15.698  | ug/l   | 99       |
| 73) Isopropylbenzene          | 10.964 | 105  | 291953   | 20.428  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 145458   | 21.249  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 104220   | 21.853  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 109401   | 25.766  | ug/l   | 84       |
| 77) Bromobenzene              | 11.195 | 156  | 71401    | 20.823  | ug/l   | 99       |
| 78) n-propylbenzene           | 11.305 | 91   | 337185   | 20.429  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 210296   | 20.630  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 241496   | 20.146  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 23782    | 15.153  | ug/l # | 81       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 245044   | 20.870  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 229287   | 18.971  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 249202   | 20.341  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 274186   | 18.556  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 232487   | 18.721  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 133279   | 19.838  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 132646   | 19.526  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 204510   | 18.525  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 33225    | 14.459  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 130441   | 20.090  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 21037    | 19.415  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 76321    | 18.797  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 29864    | 18.257  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 300188   | 22.048  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 79015    | 19.909  | ug/l   | 98       |

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Sample : VX0328WBSD02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 24 Sample Multiplier: 1

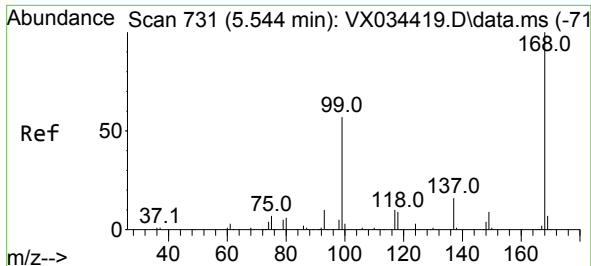
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

Quant Time: Mar 29 04:04:50 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031023W.M  
Quant Title : SW846 8260  
QLast Update : Mon Mar 13 10:29:32 2023  
Response via : Initial Calibration

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

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

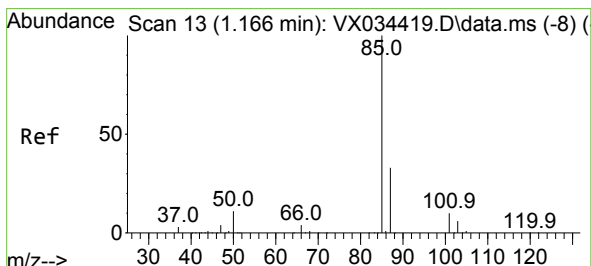
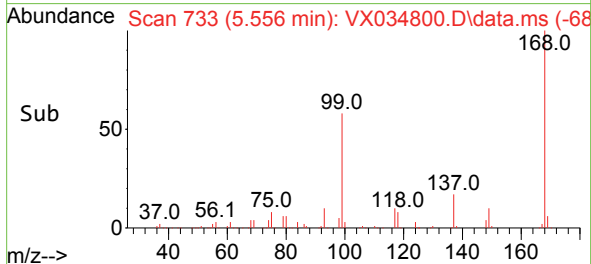
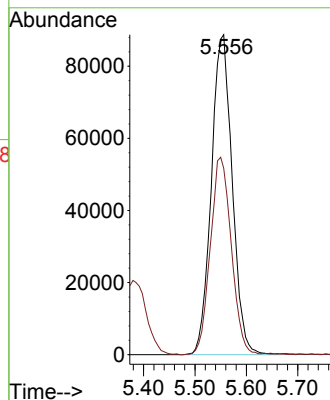
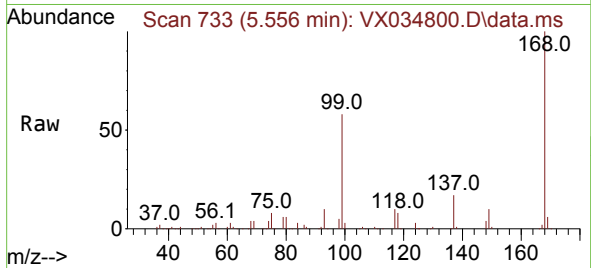




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.012 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

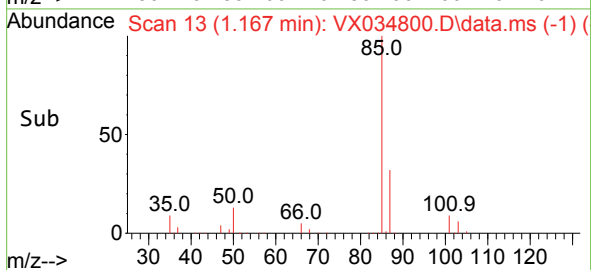
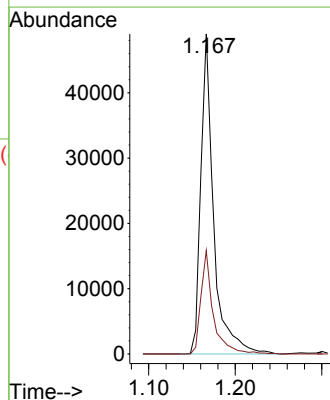
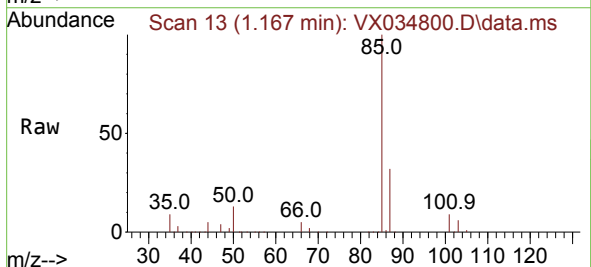
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

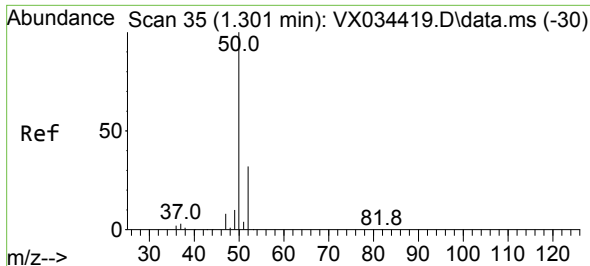
Tgt Ion:168 Resp: 250112  
Ion Ratio Lower Upper  
168 100  
99 58.2 45.7 68.5



#2  
Dichlorodifluoromethane  
Concen: 21.539 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.001 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion: 85 Resp: 50222  
Ion Ratio Lower Upper  
85 100  
87 32.3 16.4 49.1

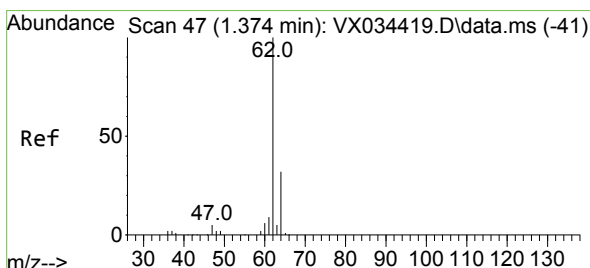
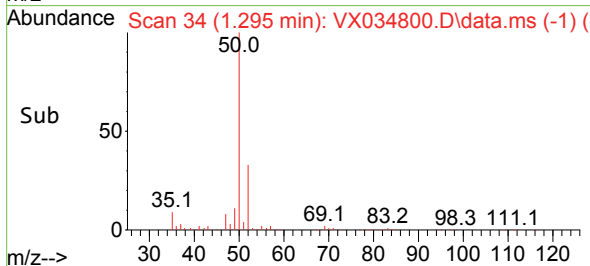
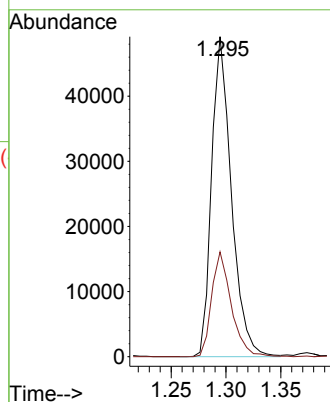
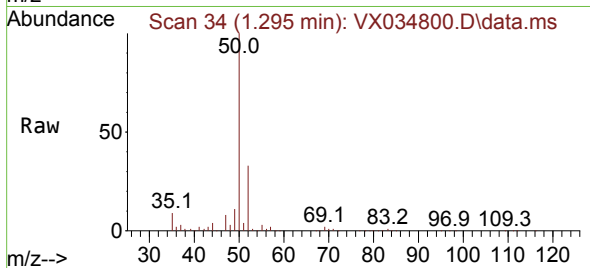




#3  
Chloromethane  
Concen: 16.588 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

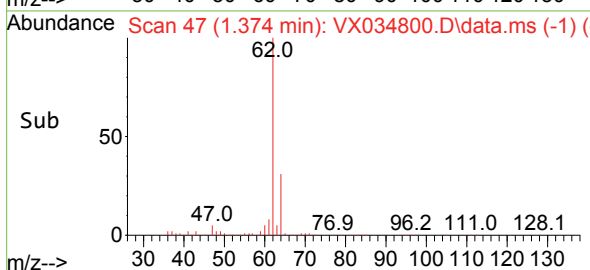
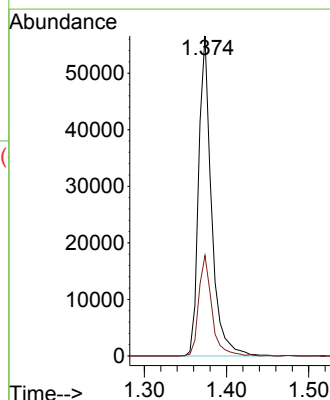
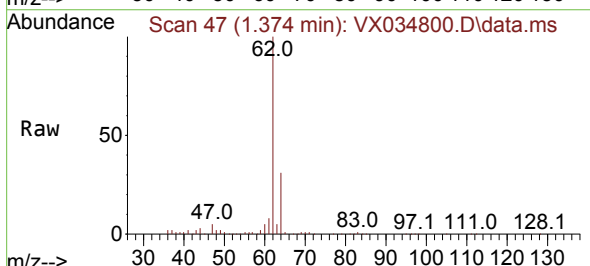
Instrument :  
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ClientSampleId :  
VX0328WBSD02

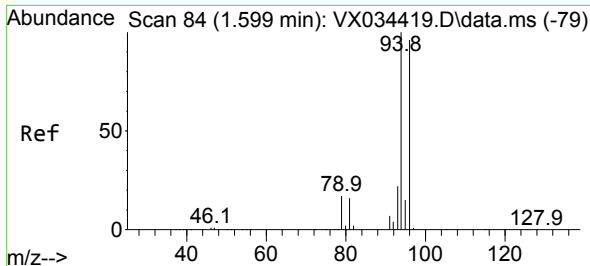
Tgt Ion: 50 Resp: 61688  
Ion Ratio Lower Upper  
50 100  
52 32.7 25.9 38.9



#4  
Vinyl Chloride  
Concen: 19.330 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion: 62 Resp: 61370  
Ion Ratio Lower Upper  
62 100  
64 31.4 26.4 39.6

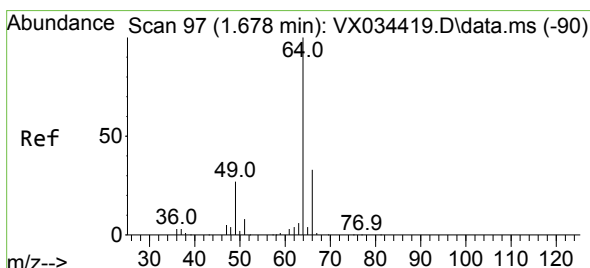
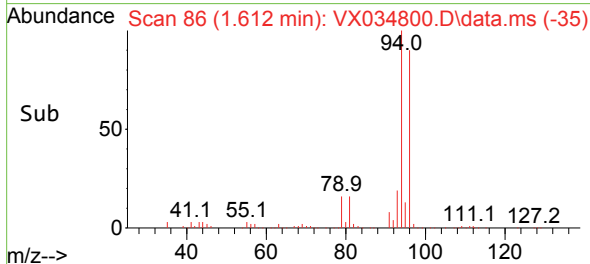
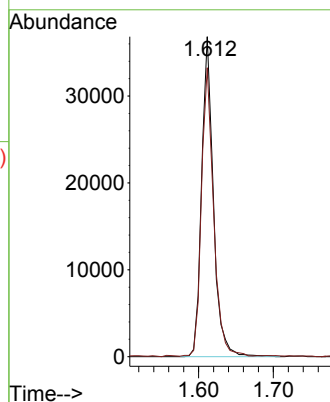
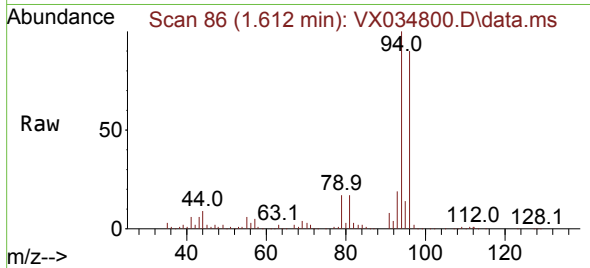




#5  
Bromomethane  
Concen: 25.163 ug/l  
RT: 1.612 min Scan# 80  
Delta R.T. 0.012 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

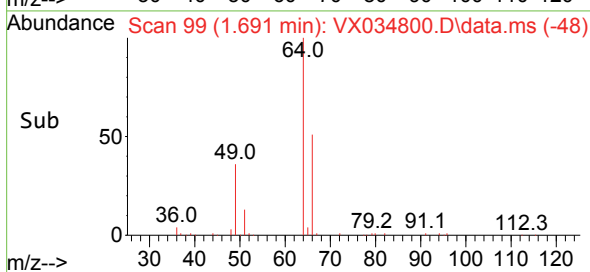
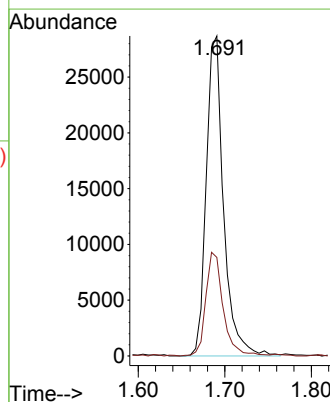
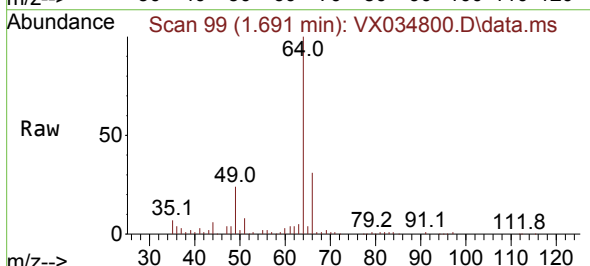
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

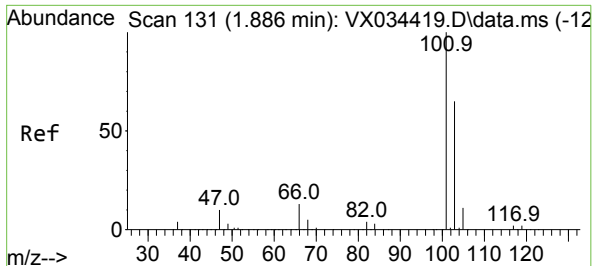
Tgt Ion: 94 Resp: 40308  
Ion Ratio Lower Upper  
94 100  
96 90.1 77.0 115.6



#6  
Chloroethane  
Concen: 21.801 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.013 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion: 64 Resp: 39853  
Ion Ratio Lower Upper  
64 100  
66 30.8 26.2 39.4

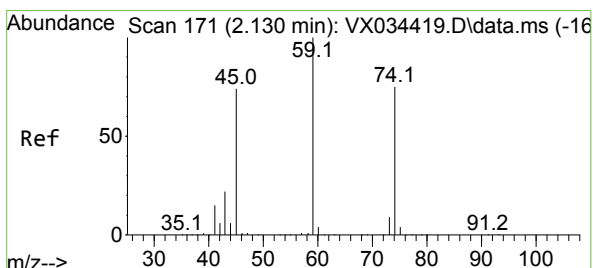
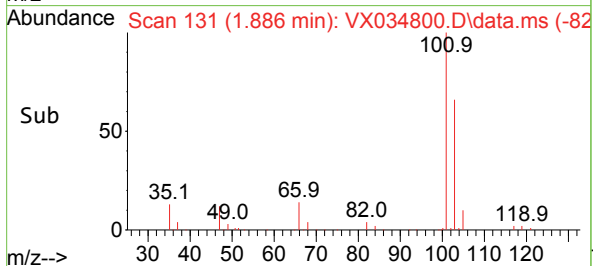
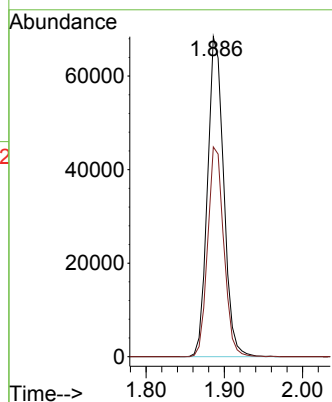
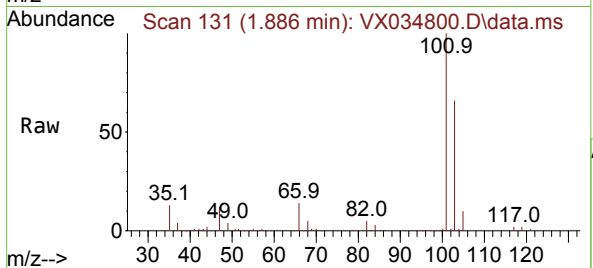




#7  
 Trichlorofluoromethane  
 Concen: 20.510 ug/l  
 RT: 1.886 min Scan# 131  
 Delta R.T. 0.000 min  
 Lab File: VX034800.D  
 Acq: 28 Mar 2023 17:59

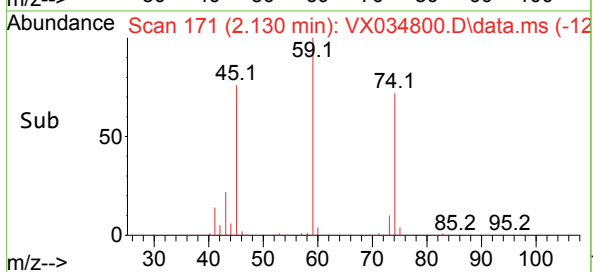
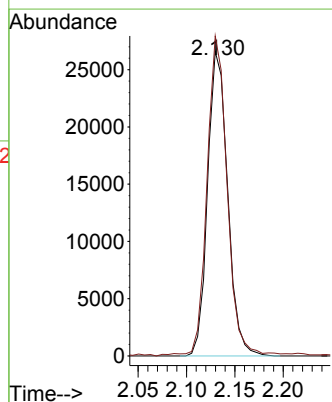
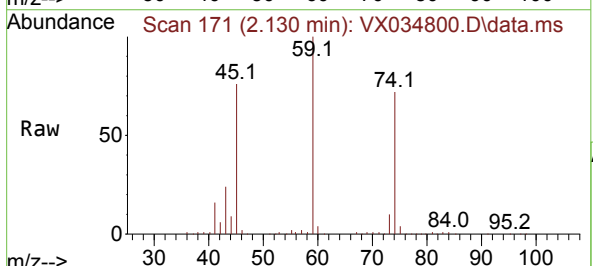
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0328WBSD02

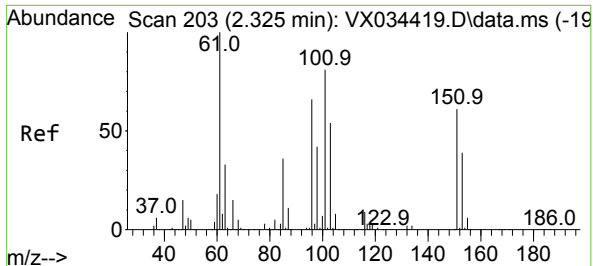
Tgt Ion:101 Resp: 97845  
 Ion Ratio Lower Upper  
 101 100  
 103 65.6 52.0 78.0



#8  
 Diethyl Ether  
 Concen: 21.986 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. -0.000 min  
 Lab File: VX034800.D  
 Acq: 28 Mar 2023 17:59

Tgt Ion: 74 Resp: 38288  
 Ion Ratio Lower Upper  
 74 100  
 45 106.6 49.8 149.3

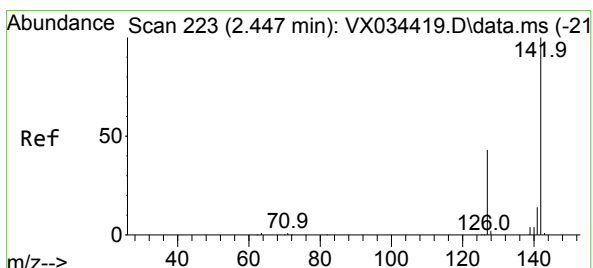
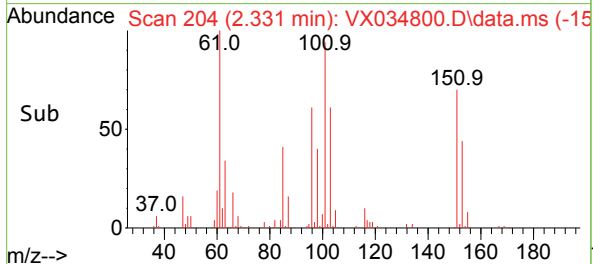
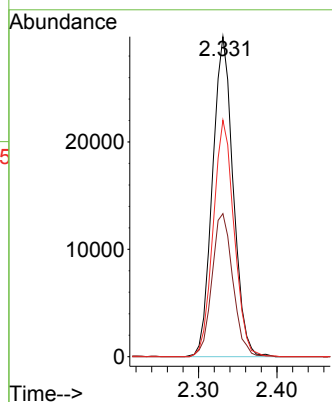
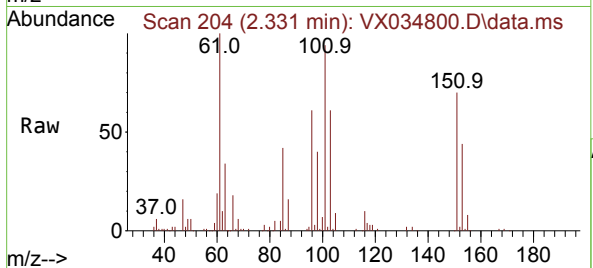




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.701 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

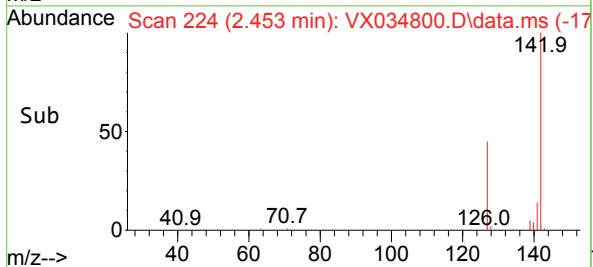
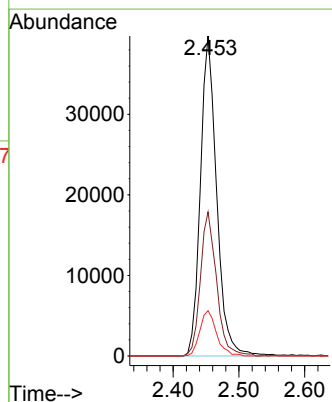
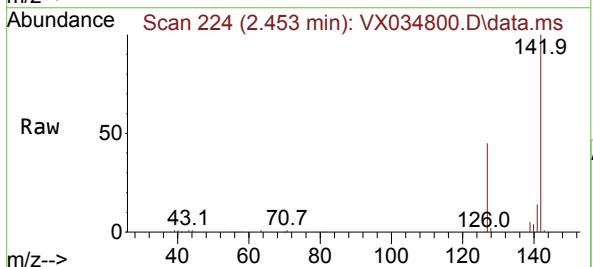
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

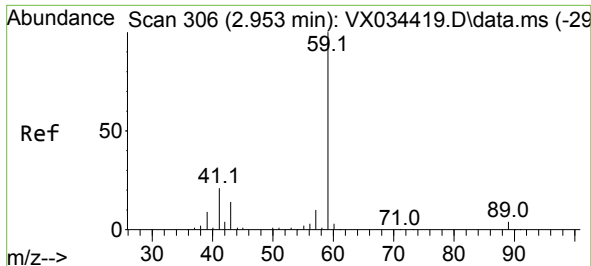
Tgt Ion:101 Resp: 54772  
Ion Ratio Lower Upper  
101 100  
85 45.1 35.4 53.2  
151 74.7 60.2 90.4



#10  
Methyl Iodide  
Concen: 18.711 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion:142 Resp: 68296  
Ion Ratio Lower Upper  
142 100  
127 44.6 34.0 51.0  
141 14.6 11.1 16.7

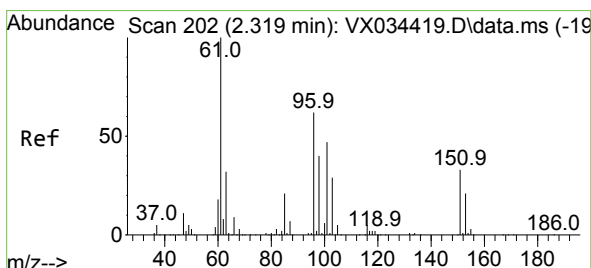
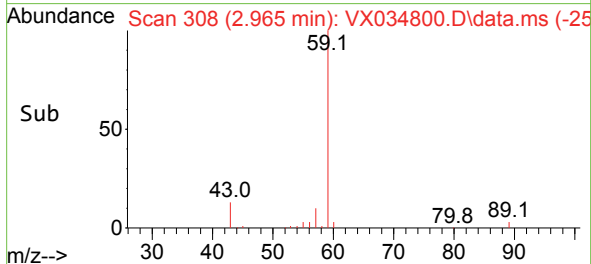
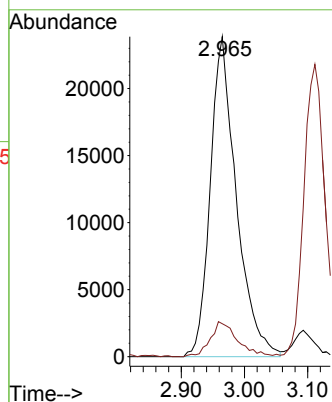
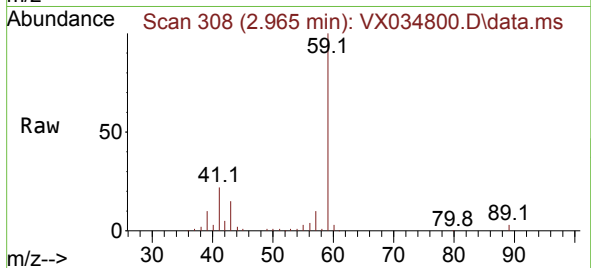




#11  
Tert butyl alcohol  
Concen: 90.255 ug/l  
RT: 2.965 min Scan# 306  
Delta R.T. 0.012 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

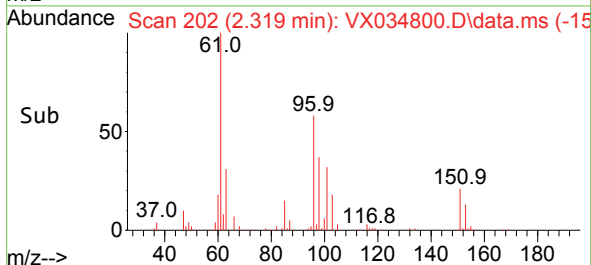
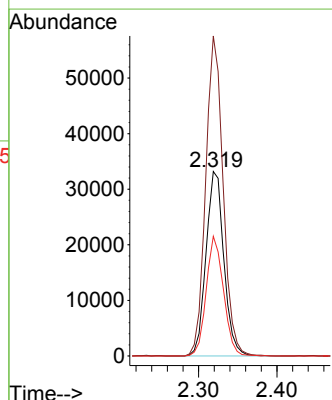
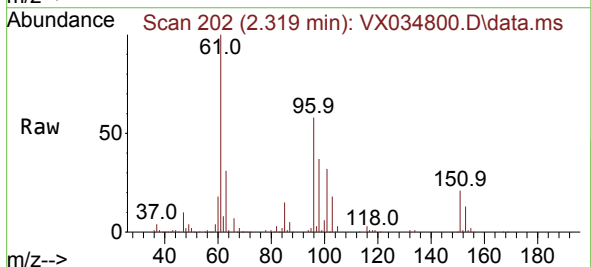
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

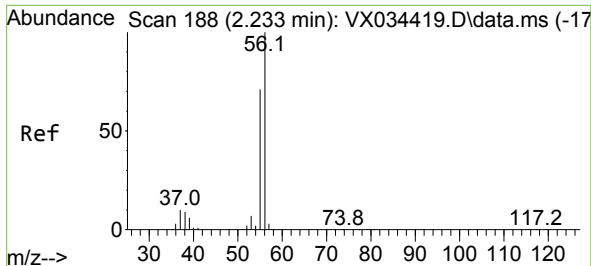
Tgt Ion: 59 Resp: 68388  
Ion Ratio Lower Upper  
59 100  
57 11.4 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 19.167 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion: 96 Resp: 52480  
Ion Ratio Lower Upper  
96 100  
61 173.4 128.8 193.2  
98 64.9 51.4 77.0

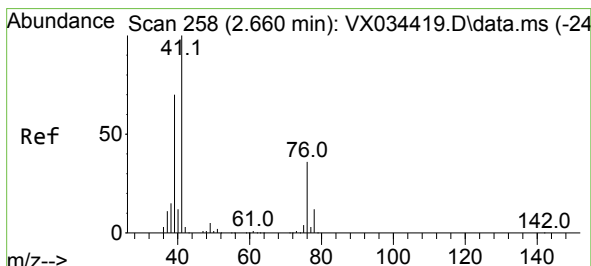
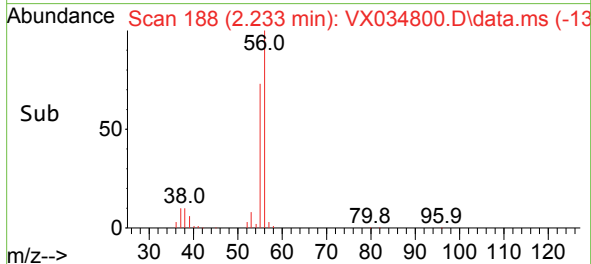
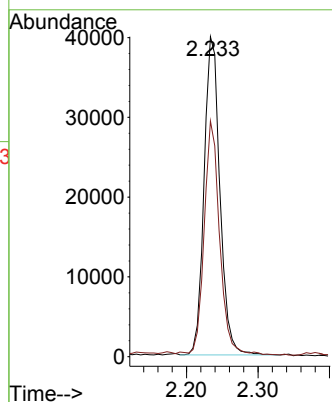
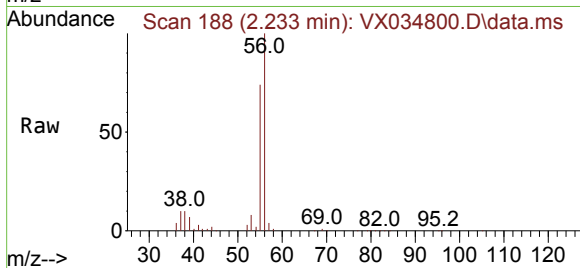




#13  
Acrolein  
Concen: 102.396 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

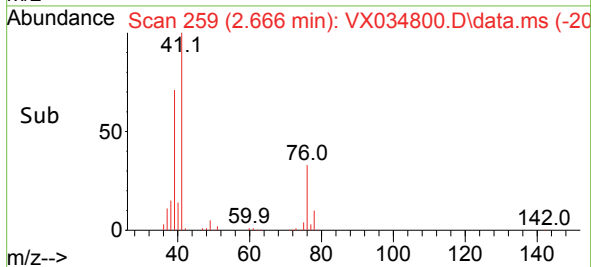
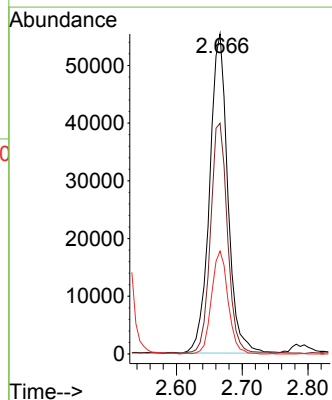
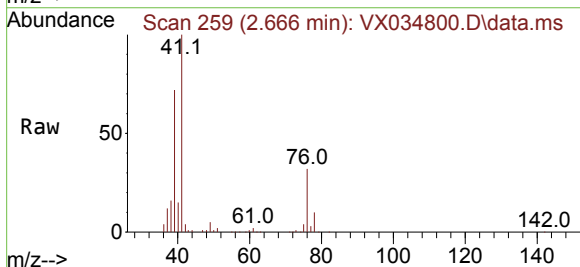
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

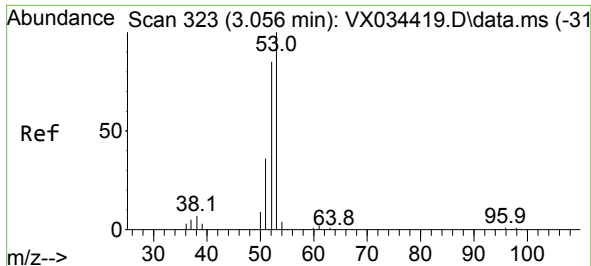
Tgt Ion: 56 Resp: 61379  
Ion Ratio Lower Upper  
56 100  
55 72.1 56.6 85.0



#14  
Allyl chloride  
Concen: 19.207 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion: 41 Resp: 106619  
Ion Ratio Lower Upper  
41 100  
39 67.1 52.4 78.6  
76 29.3 26.0 39.0

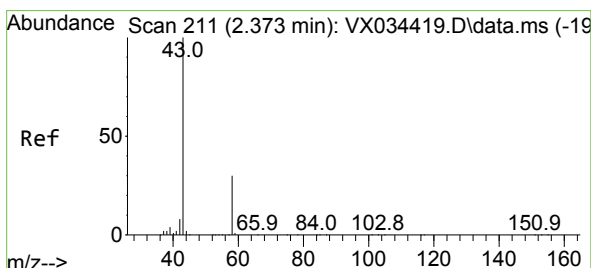
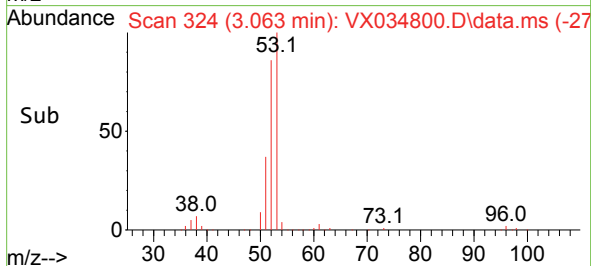
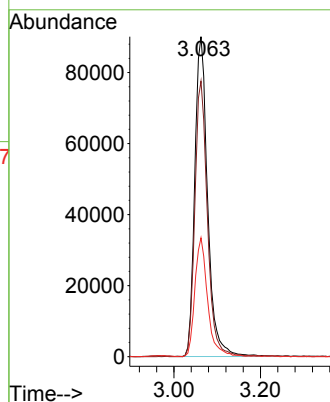
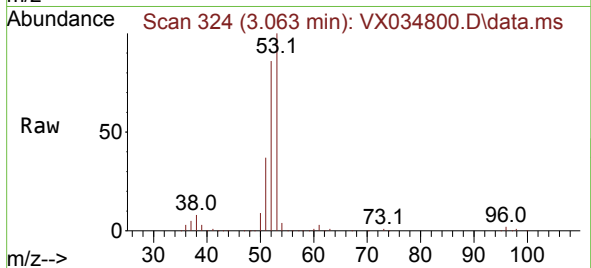




#15  
Acrylonitrile  
Concen: 113.488 ug/l  
RT: 3.063 min Scan# 31  
Delta R.T. 0.007 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

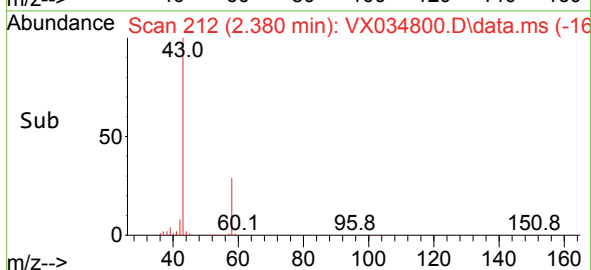
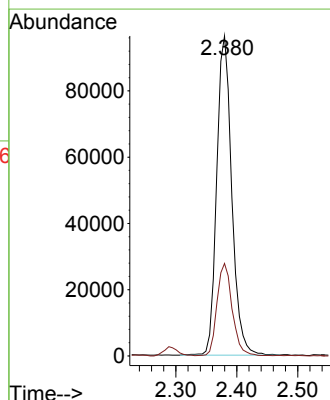
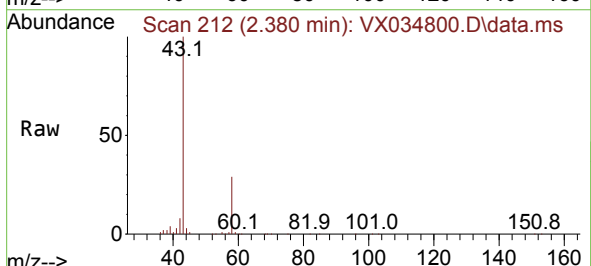
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

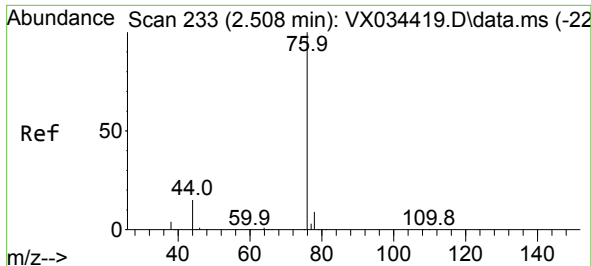
Tgt Ion: 53 Resp: 185758  
Ion Ratio Lower Upper  
53 100  
52 84.0 66.2 99.2  
51 36.7 28.3 42.5



#16  
Acetone  
Concen: 96.316 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion: 43 Resp: 165083  
Ion Ratio Lower Upper  
43 100  
58 28.8 24.7 37.1

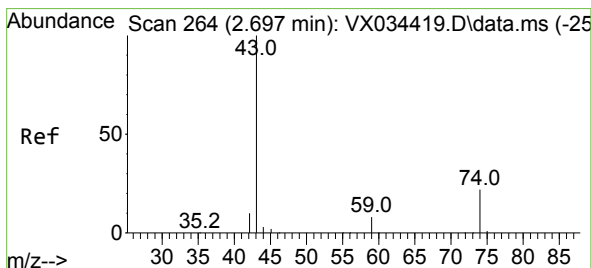
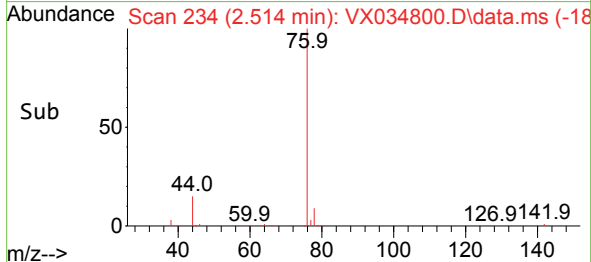
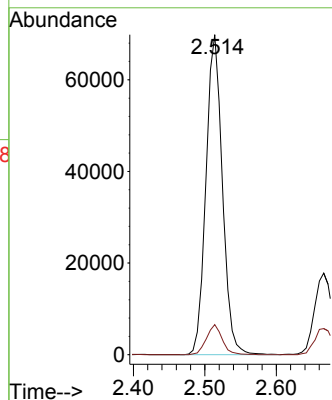
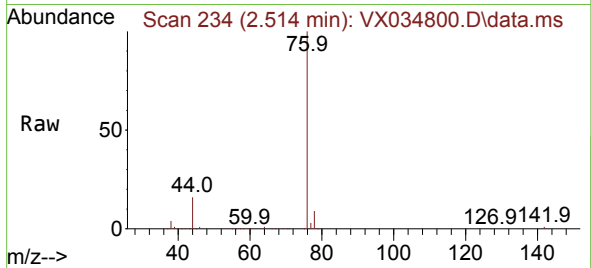




#17  
Carbon Disulfide  
Concen: 14.471 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

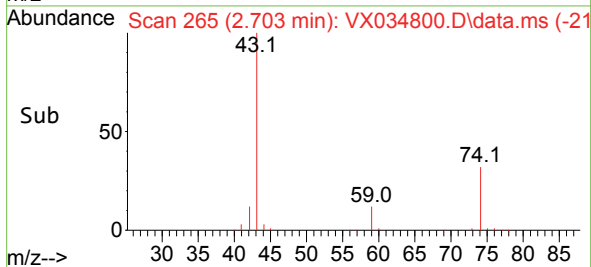
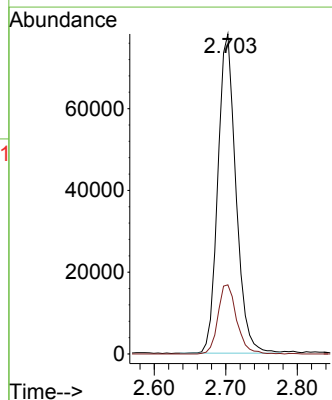
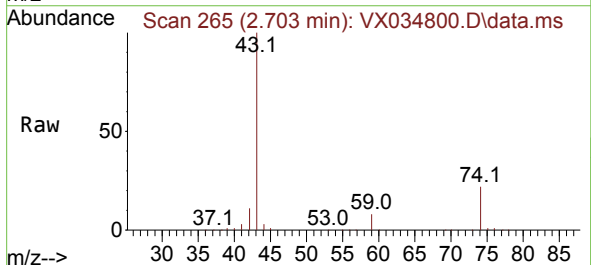
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

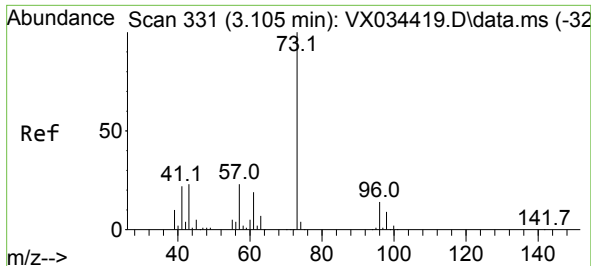
Tgt Ion: 76 Resp: 111508  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.2 10.8



#18  
Methyl Acetate  
Concen: 24.479 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion: 43 Resp: 137090  
Ion Ratio Lower Upper  
43 100  
74 22.4 18.3 27.5

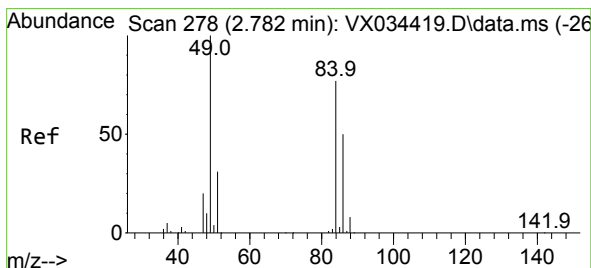
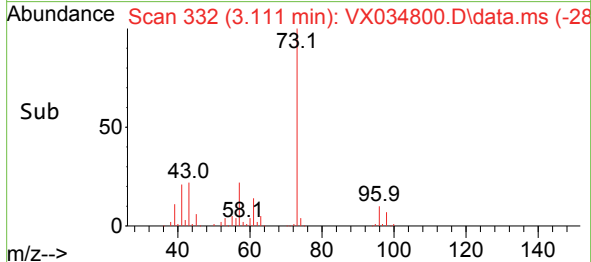
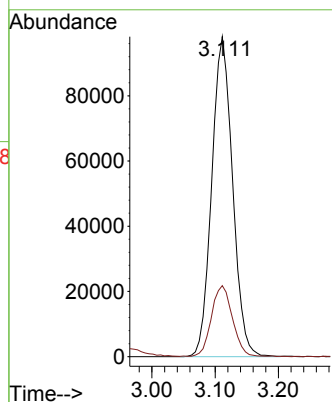
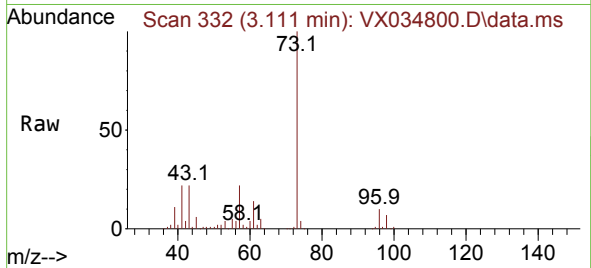




#19  
Methyl tert-butyl Ether  
Concen: 22.875 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

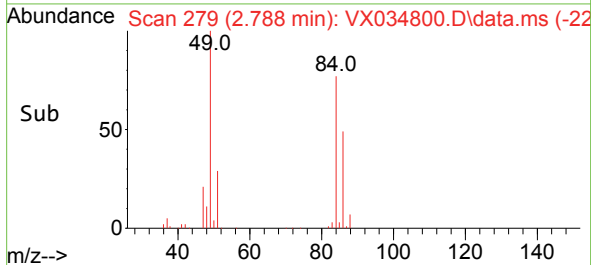
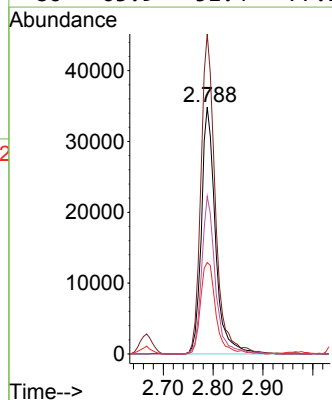
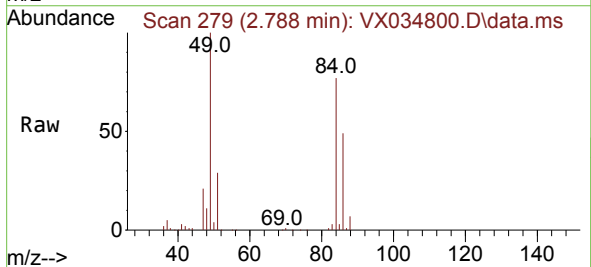
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

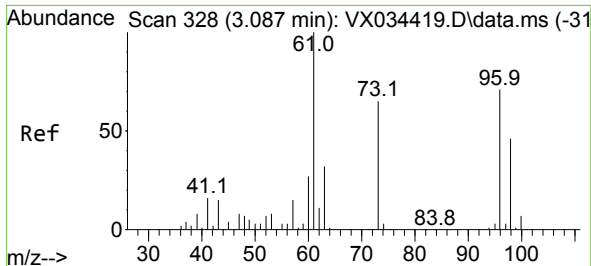
Tgt Ion: 73 Resp: 224255  
Ion Ratio Lower Upper  
73 100  
57 22.1 18.5 27.7



#20  
Methylene Chloride  
Concen: 20.481 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion: 84 Resp: 68130  
Ion Ratio Lower Upper  
84 100  
49 129.6 103.8 155.8  
51 37.0 31.8 47.8  
86 63.9 51.4 77.2

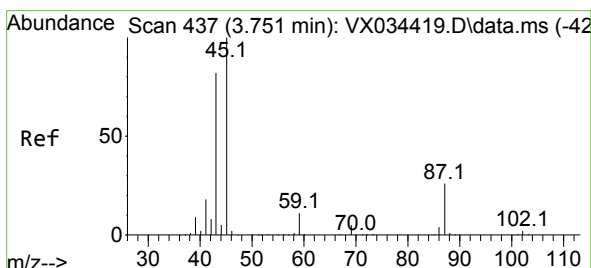
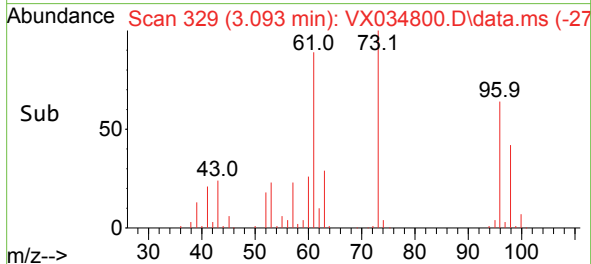
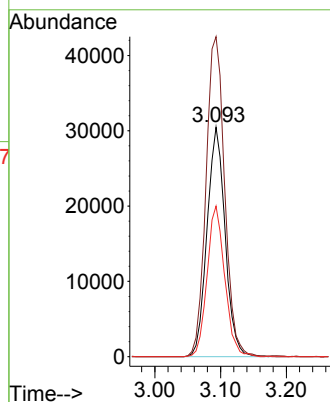
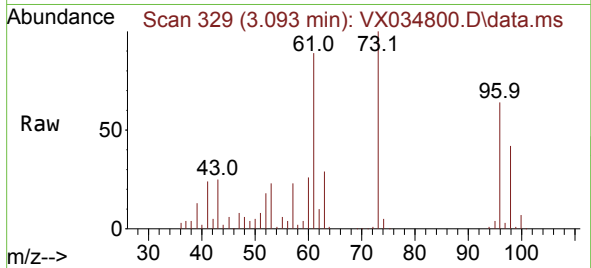




#21  
trans-1,2-Dichloroethene  
Concen: 20.058 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

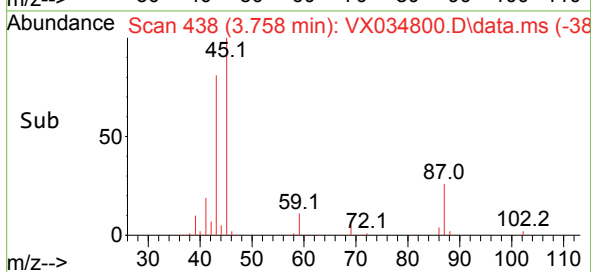
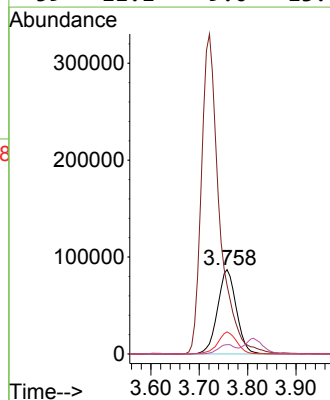
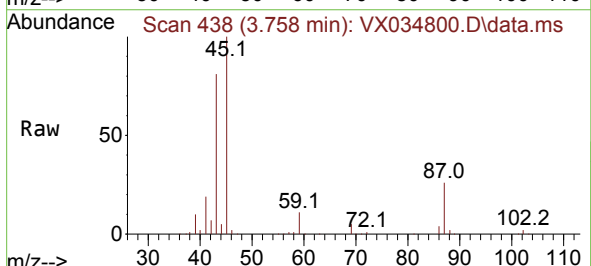
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

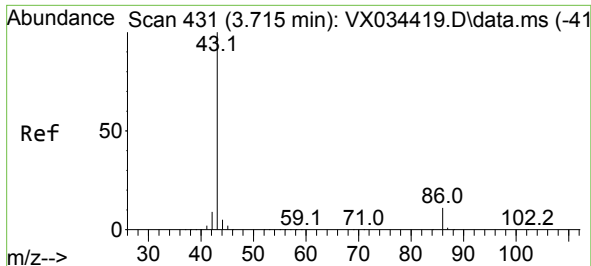
Tgt Ion: 96 Resp: 58324  
Ion Ratio Lower Upper  
96 100  
61 139.5 113.0 169.6  
98 65.6 52.1 78.1



#22  
Diisopropyl ether  
Concen: 22.166 ug/l  
RT: 3.758 min Scan# 438  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion: 45 Resp: 234596  
Ion Ratio Lower Upper  
45 100  
43 81.0 65.4 98.2  
87 26.2 20.6 31.0  
59 11.1 9.0 13.6

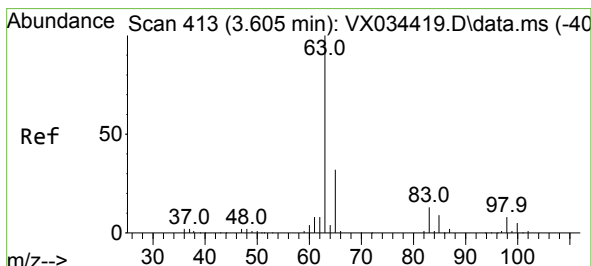
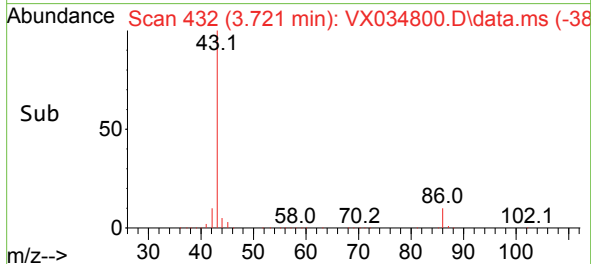
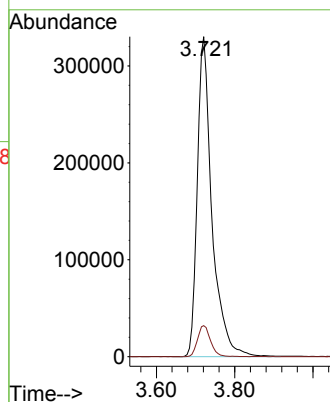
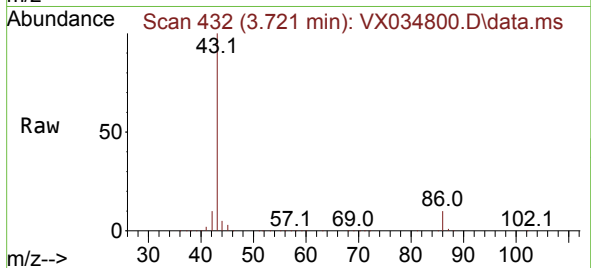




#23  
 Vinyl Acetate  
 Concen: 106.874 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VX034800.D  
 Acq: 28 Mar 2023 17:59

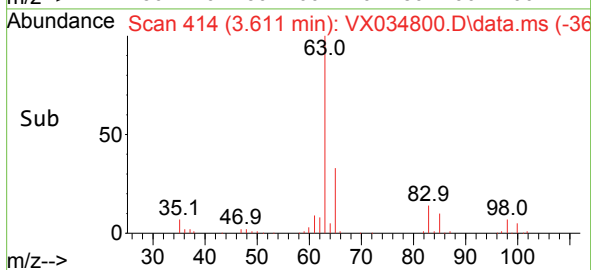
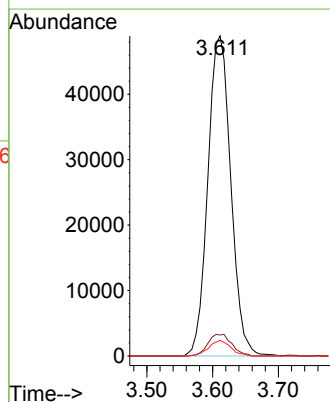
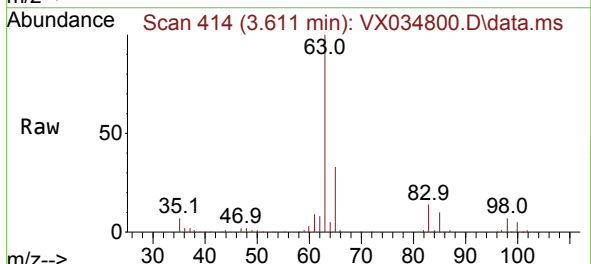
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0328WBSD02

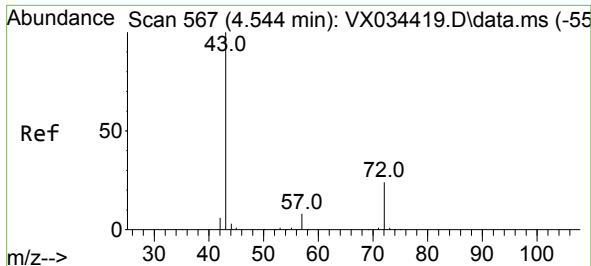
Tgt Ion: 43 Resp: 860852  
 Ion Ratio Lower Upper  
 43 100  
 86 9.7 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 20.913 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.006 min  
 Lab File: VX034800.D  
 Acq: 28 Mar 2023 17:59

Tgt Ion: 63 Resp: 118981  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 3.8 11.2  
 100 4.8 2.4 7.1

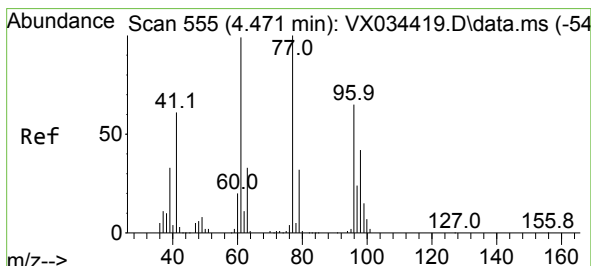
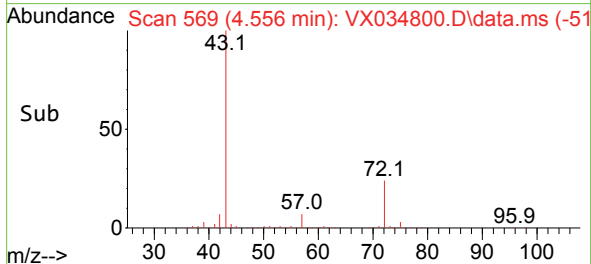
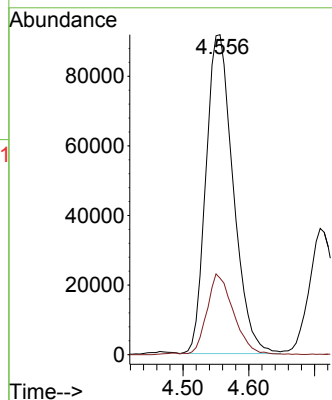
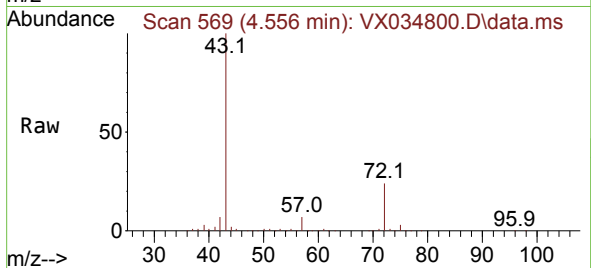




#25  
2-Butanone  
Concen: 107.779 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. 0.012 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

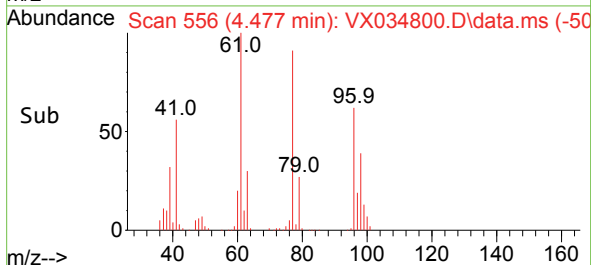
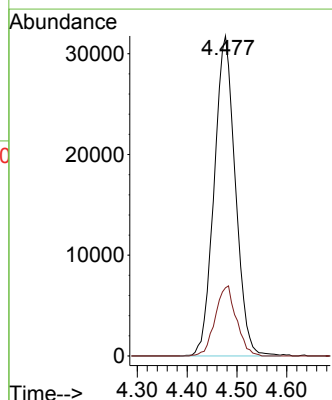
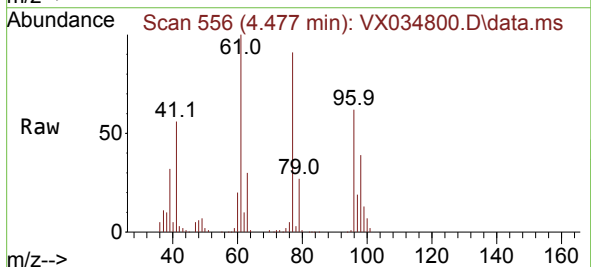
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

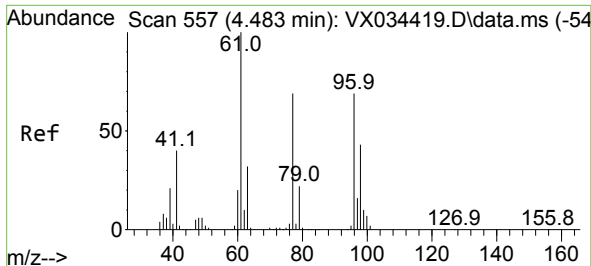
Tgt Ion: 43 Resp: 264323  
Ion Ratio Lower Upper  
43 100  
72 23.7 19.3 28.9



#26  
2,2-Dichloropropane  
Concen: 18.972 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion: 77 Resp: 93821  
Ion Ratio Lower Upper  
77 100  
97 21.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.779 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0328WBSD02

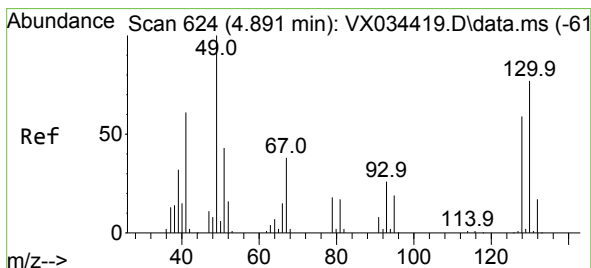
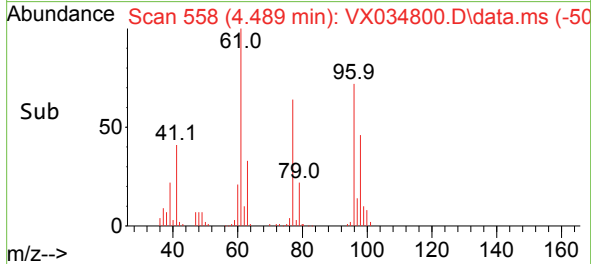
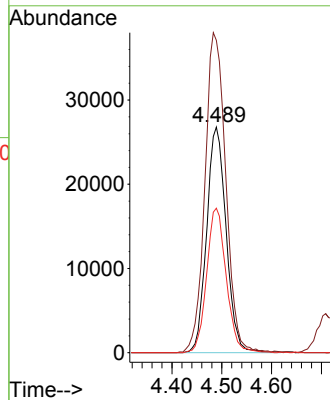
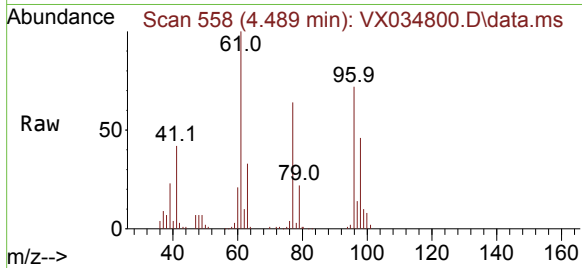
Tgt Ion: 96 Resp: 72736

Ion Ratio Lower Upper

96 100

61 151.7 0.0 300.4

98 64.4 0.0 129.0



#28

Bromochloromethane

Concen: 23.980 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

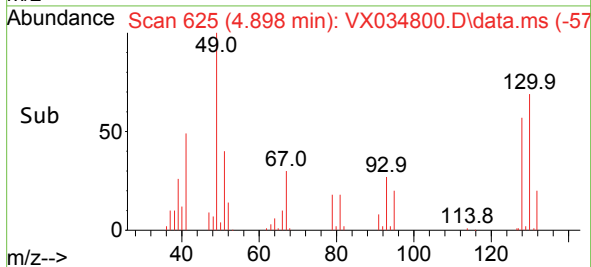
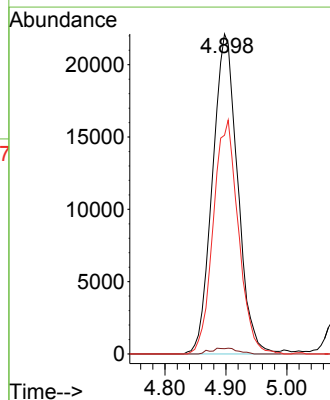
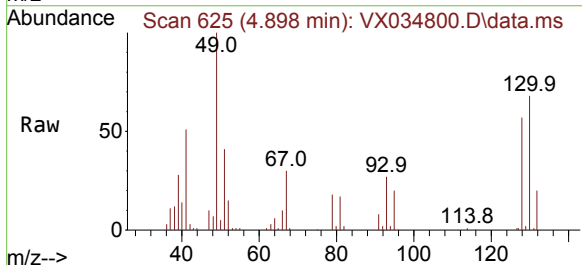
Tgt Ion: 49 Resp: 63435

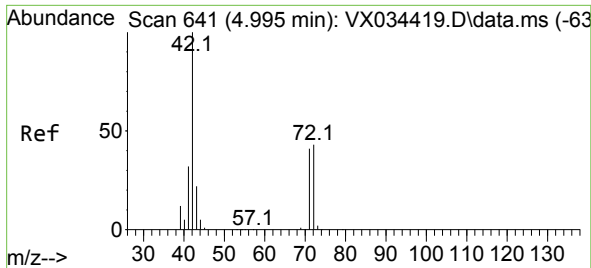
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 72.9 58.2 87.2

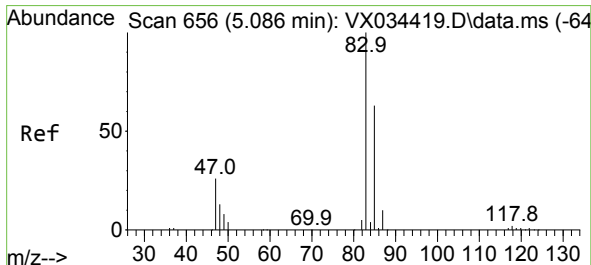
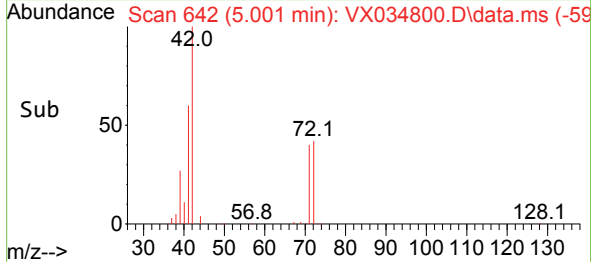
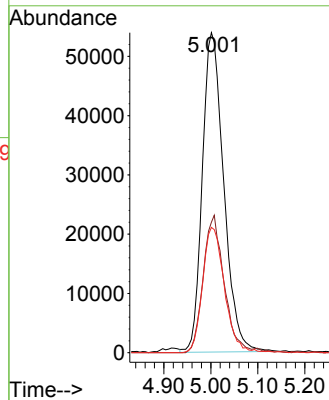
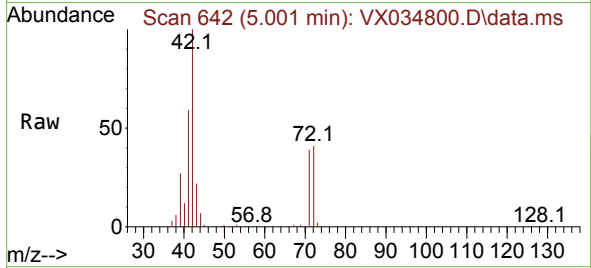




#29  
Tetrahydrofuran  
Concen: 112.759 ug/l  
RT: 5.001 min Scan# 641  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

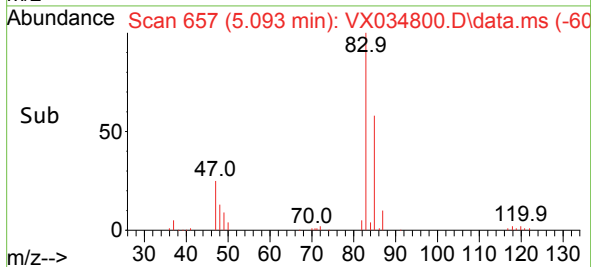
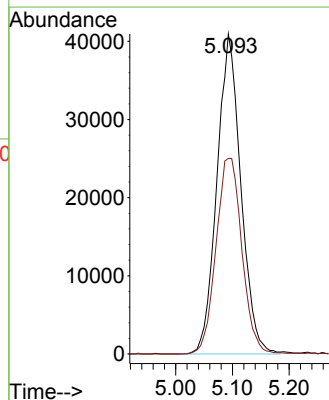
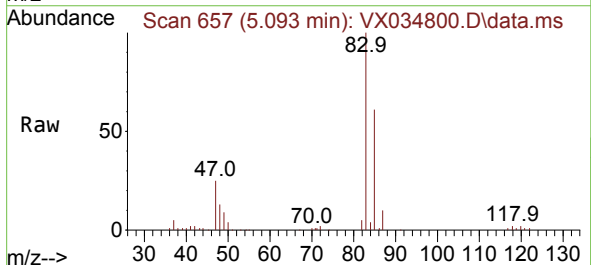
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

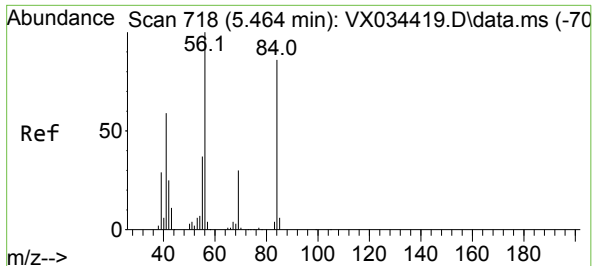
Tgt Ion: 42 Resp: 170640  
Ion Ratio Lower Upper  
42 100  
72 41.7 34.5 51.7  
71 40.1 32.1 48.1



#30  
Chloroform  
Concen: 21.485 ug/l  
RT: 5.093 min Scan# 657  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion: 83 Resp: 119818  
Ion Ratio Lower Upper  
83 100  
85 61.1 50.6 76.0

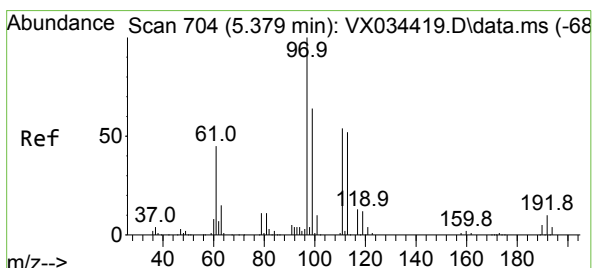
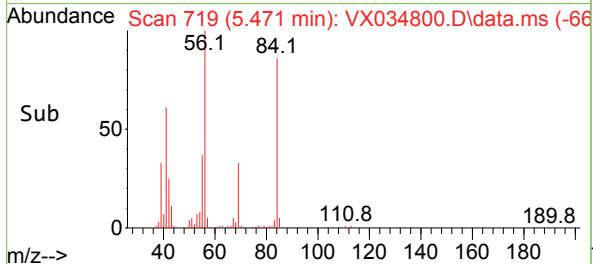
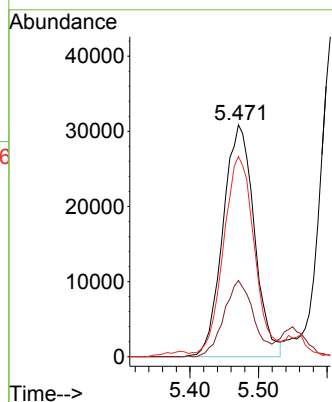
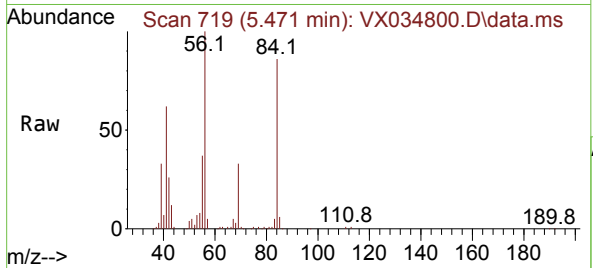




#31  
Cyclohexane  
Concen: 19.201 ug/l  
RT: 5.471 min Scan# 718  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

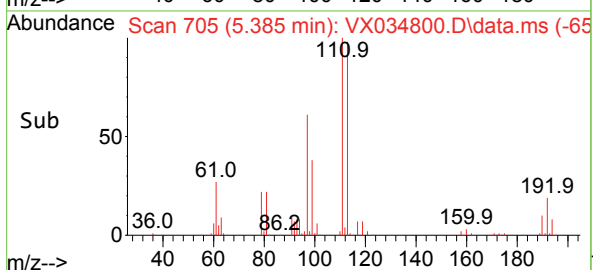
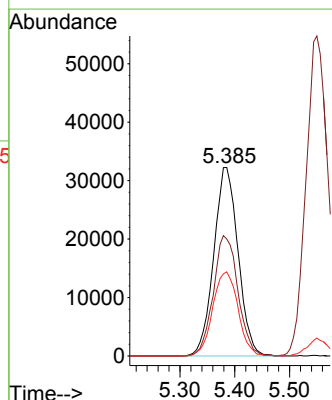
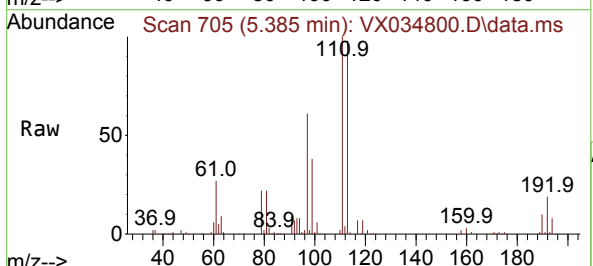
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

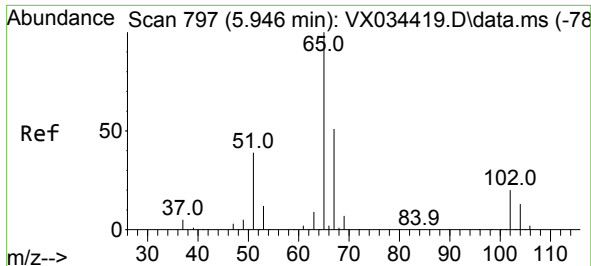
Tgt Ion: 56 Resp: 97983  
Ion Ratio Lower Upper  
56 100  
69 32.9 23.7 35.5  
84 84.0 68.5 102.7



#32  
1,1,1-Trichloroethane  
Concen: 20.117 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion: 97 Resp: 99317  
Ion Ratio Lower Upper  
97 100  
99 64.6 51.1 76.7  
61 46.4 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 58.066 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

Instrument :

MSVOA\_X

ClientSampleId :

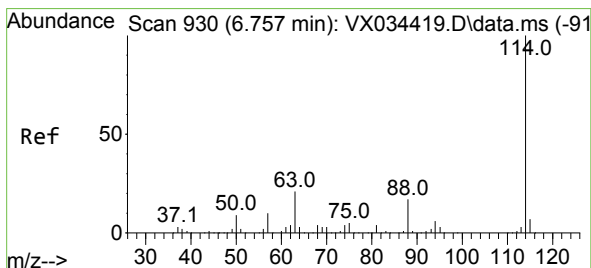
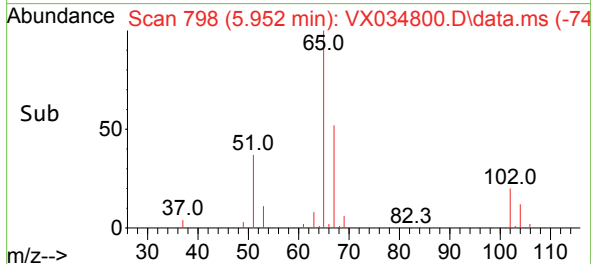
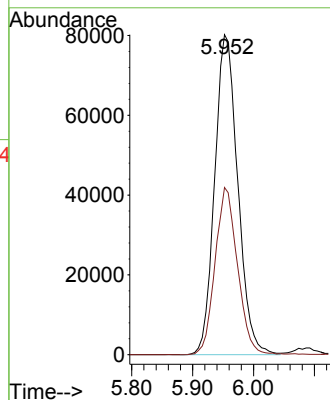
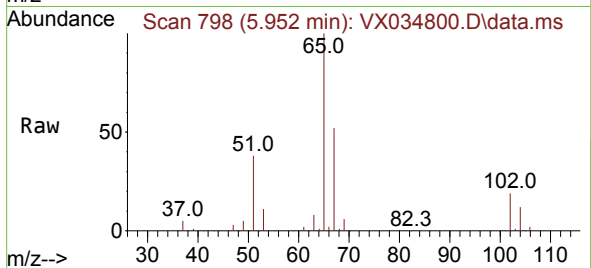
VX0328WBSD02

Tgt Ion: 65 Resp: 211279

Ion Ratio Lower Upper

65 100

67 50.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

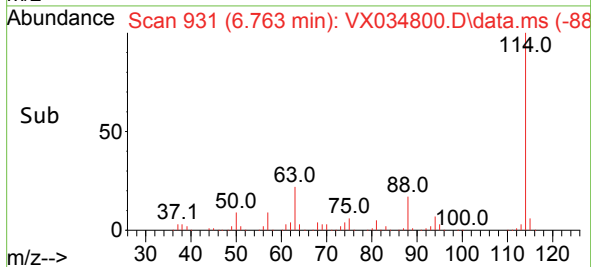
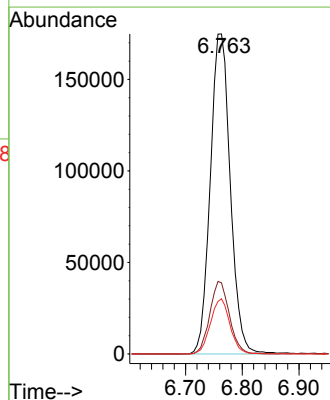
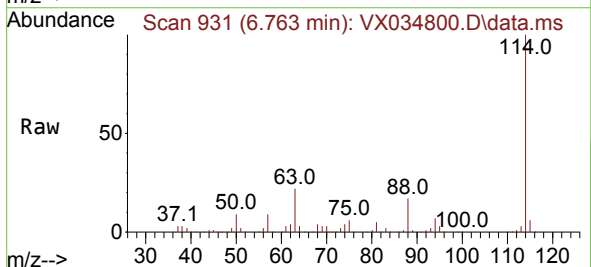
Tgt Ion: 114 Resp: 428052

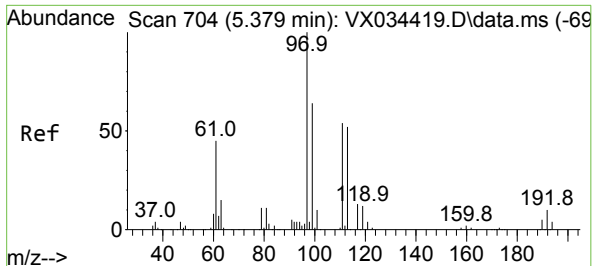
Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.2

88 17.2 0.0 33.2

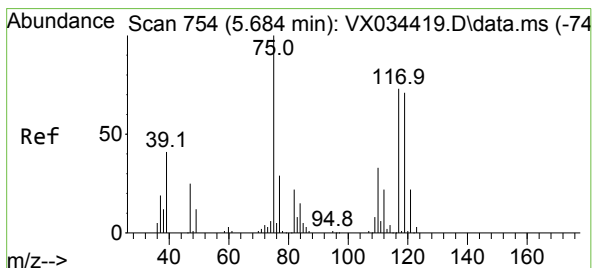
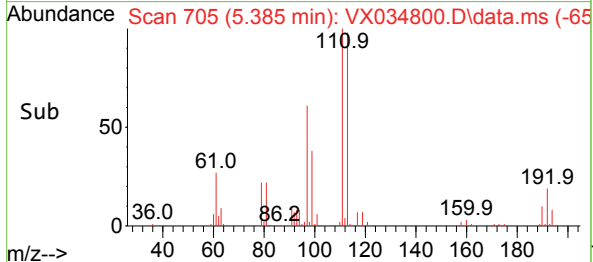
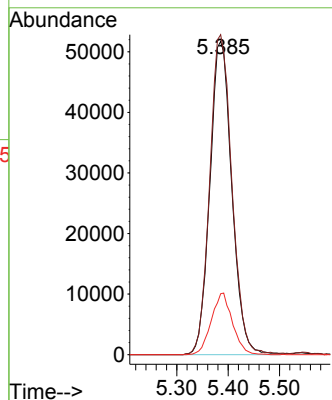
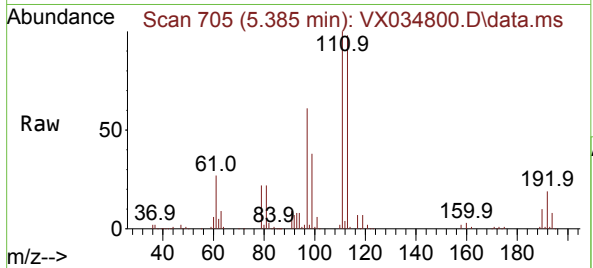




#35  
Dibromofluoromethane  
Concen: 54.316 ug/l  
RT: 5.385 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

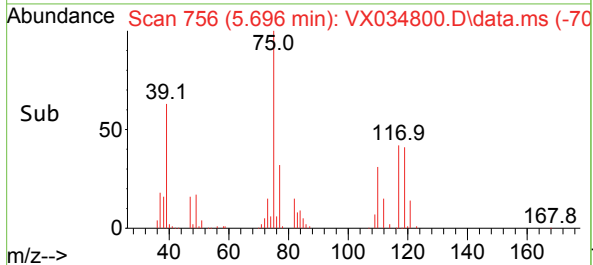
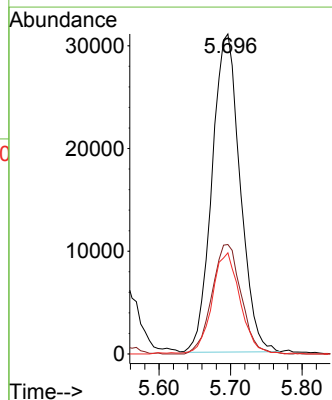
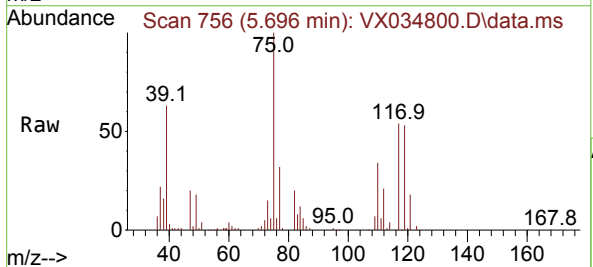
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

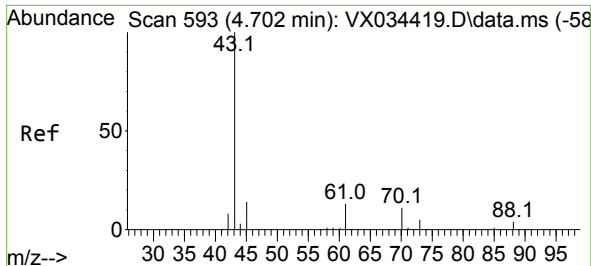
Tgt Ion:113 Resp: 153508  
Ion Ratio Lower Upper  
113 100  
111 103.2 83.7 125.5  
192 19.0 15.4 23.2



#36  
1,1-Dichloropropene  
Concen: 19.484 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.012 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion: 75 Resp: 84576  
Ion Ratio Lower Upper  
75 100  
110 35.8 17.5 52.5  
77 31.2 24.3 36.5





#37

Ethyl Acetate

Concen: 21.944 ug/l

RT: 4.709 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0328WBSD02

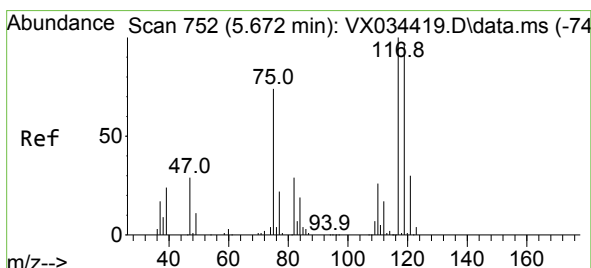
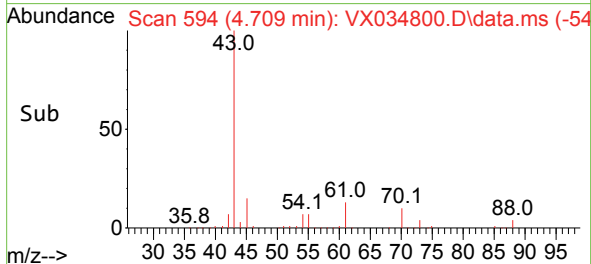
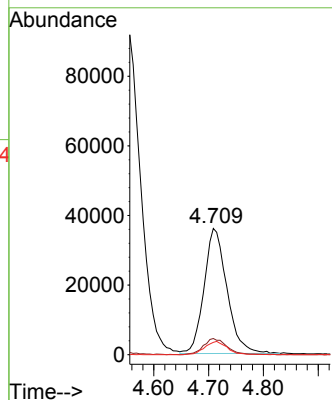
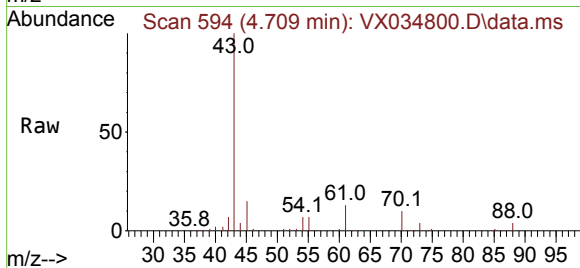
Tgt Ion: 43 Resp: 104066

Ion Ratio Lower Upper

43 100

61 13.1 10.2 15.4

70 10.5 8.2 12.4



#38

Carbon Tetrachloride

Concen: 18.221 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.012 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

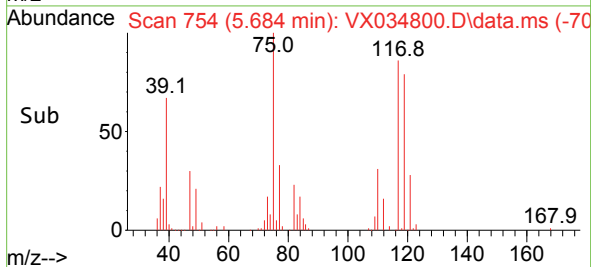
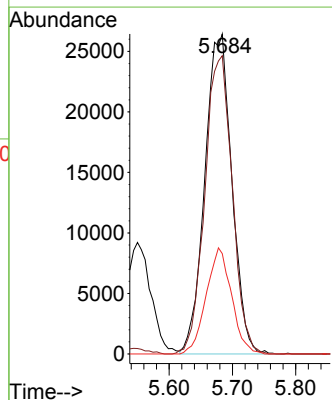
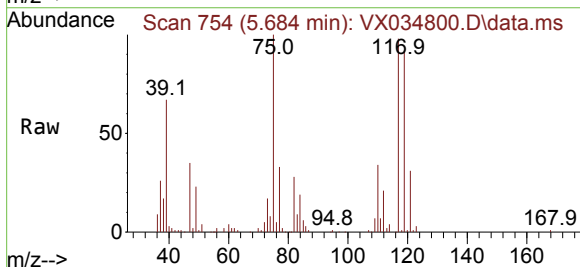
Tgt Ion: 117 Resp: 78686

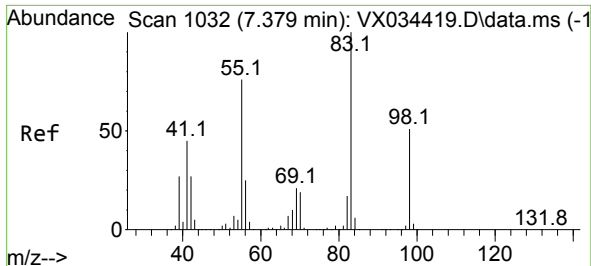
Ion Ratio Lower Upper

117 100

119 93.2 76.6 114.8

121 31.4 23.8 35.6





#39

Methylcyclohexane

Concen: 17.200 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0328WBSD02

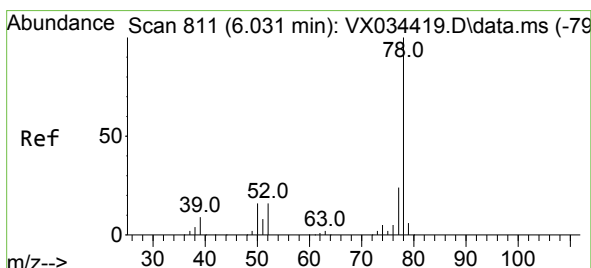
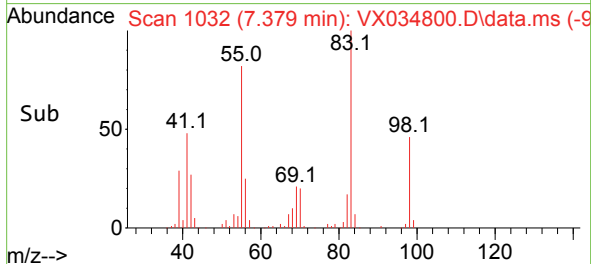
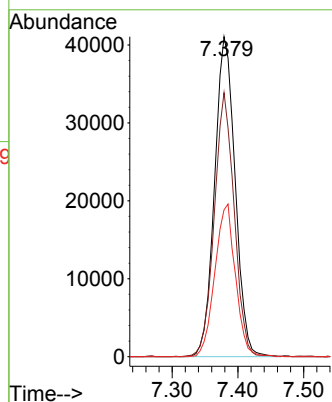
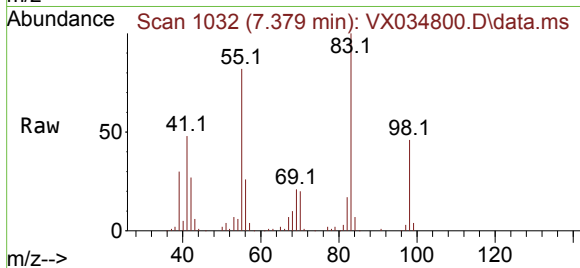
Tgt Ion: 83 Resp: 89351

Ion Ratio Lower Upper

83 100

55 82.5 60.5 90.7

98 45.9 40.4 60.6



#40

Benzene

Concen: 20.217 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034800.D

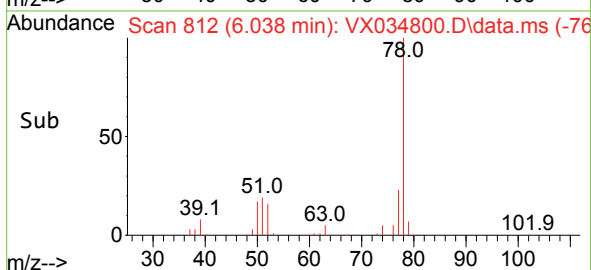
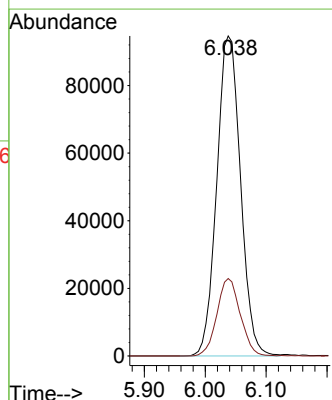
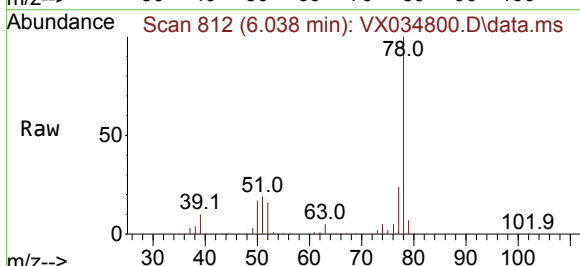
Acq: 28 Mar 2023 17:59

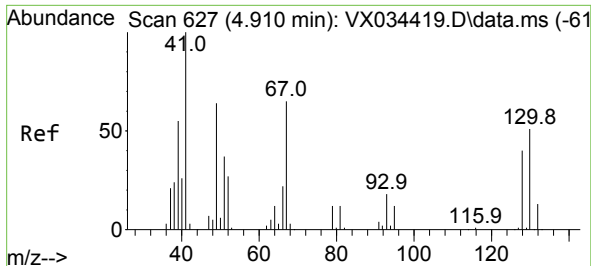
Tgt Ion: 78 Resp: 256734

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.4

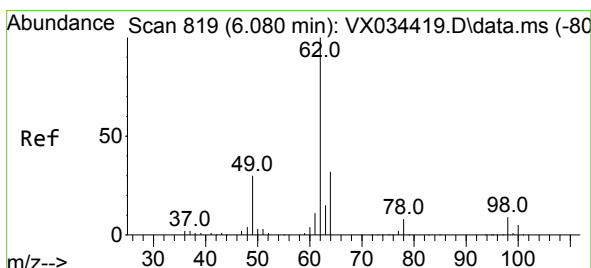
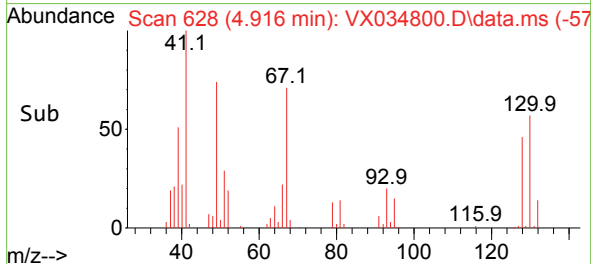
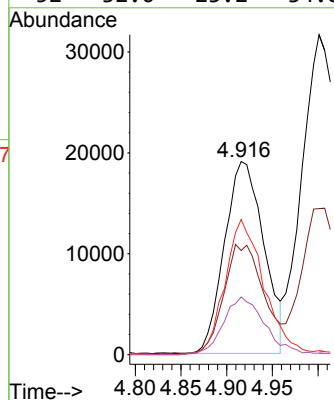
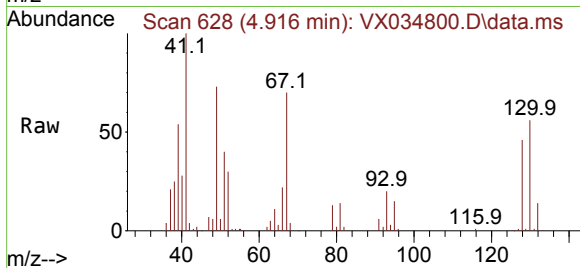




#41  
Methacrylonitrile  
Concen: 21.928 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

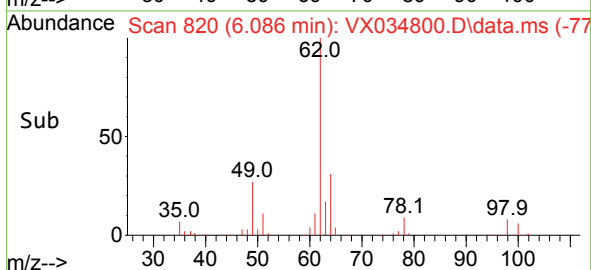
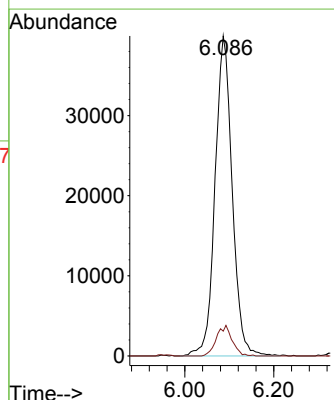
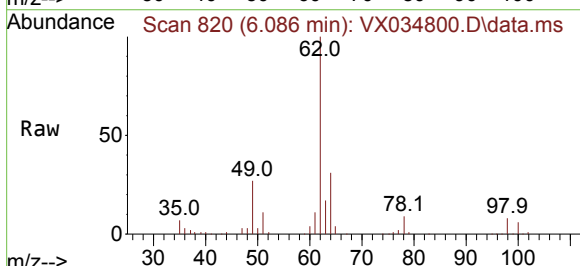
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

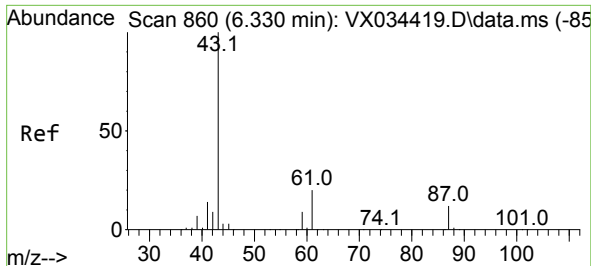
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 56990 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 56.9     | 45.0 67.6   |
| 67 70.7     | 55.6 83.4   |
| 52 32.0     | 23.2 34.8   |



#42  
1,2-Dichloroethane  
Concen: 22.890 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 106828 |
| Ion Ratio   | Lower Upper  |
| 62 100      |              |
| 98 8.8      | 0.0 18.0     |

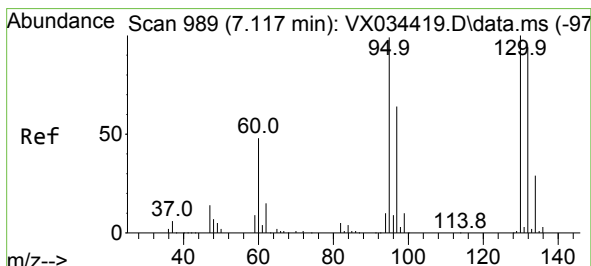
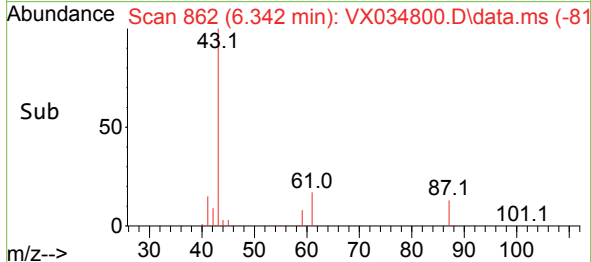
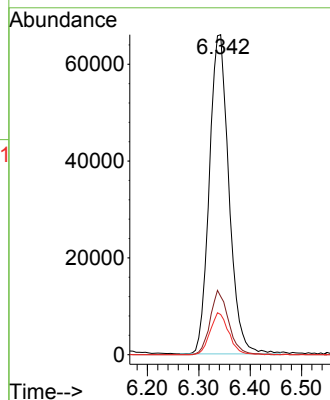
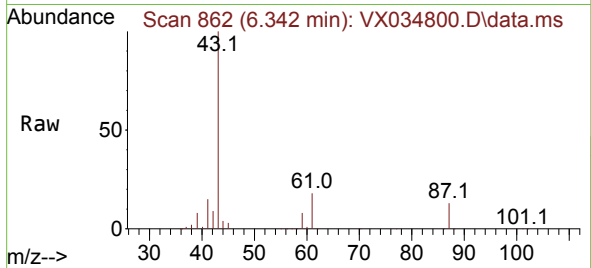




#43  
Isopropyl Acetate  
Concen: 21.759 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.012 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

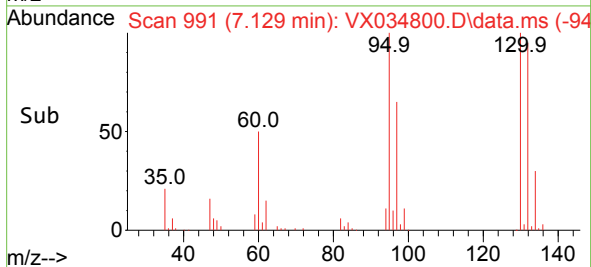
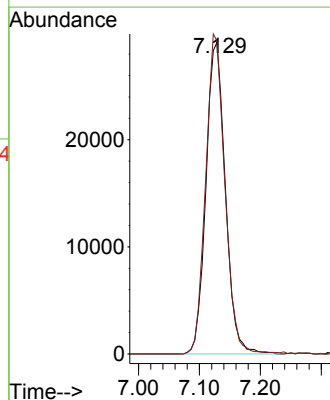
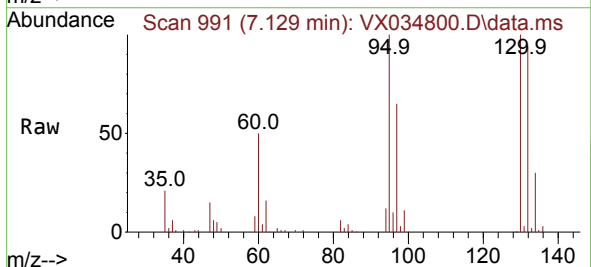
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

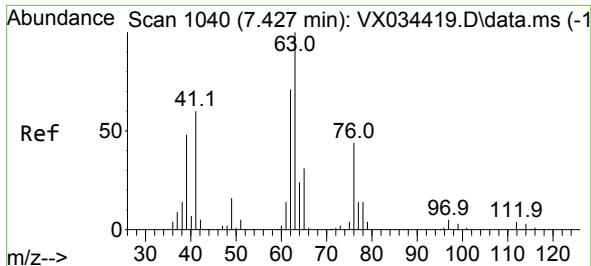
Tgt Ion: 43 Resp: 174810  
Ion Ratio Lower Upper  
43 100  
61 18.9 15.2 22.8  
87 12.5 9.8 14.8



#44  
Trichloroethene  
Concen: 19.508 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.012 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion:130 Resp: 64365  
Ion Ratio Lower Upper  
130 100  
95 100.4 0.0 198.4

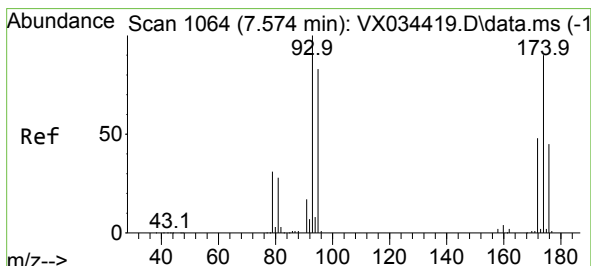
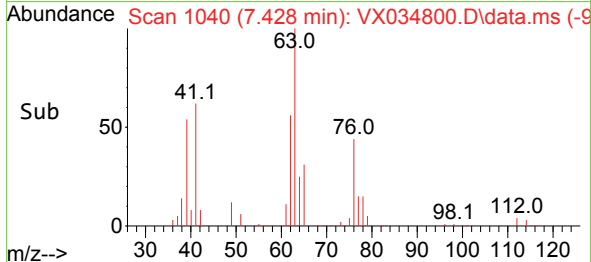
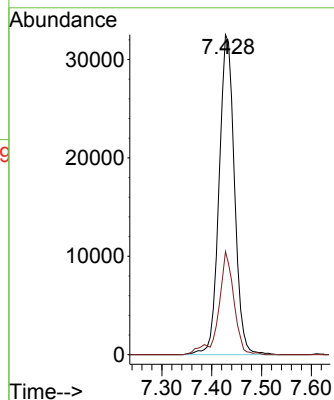
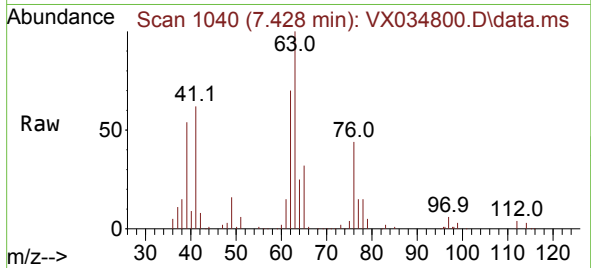




#45  
1,2-Dichloropropane  
Concen: 21.029 ug/l  
RT: 7.428 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

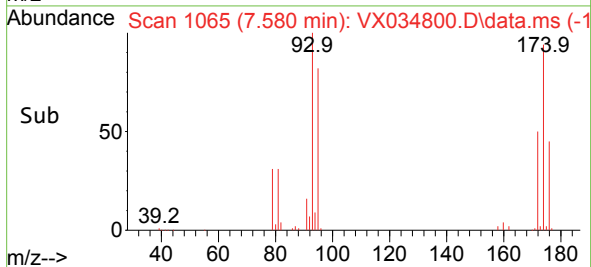
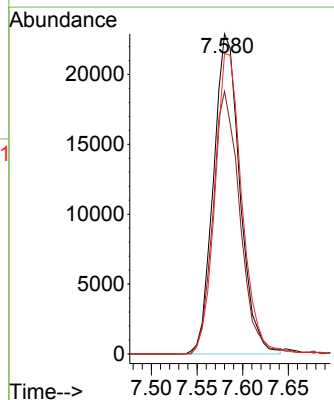
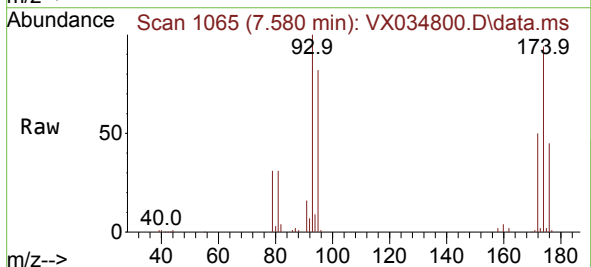
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

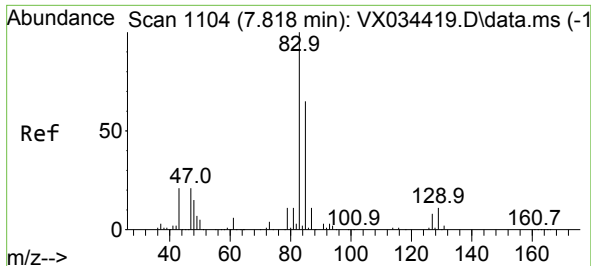
Tgt Ion: 63 Resp: 69725  
Ion Ratio Lower Upper  
63 100  
65 32.3 24.6 37.0



#46  
Dibromomethane  
Concen: 20.401 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion: 93 Resp: 45987  
Ion Ratio Lower Upper  
93 100  
95 83.7 66.9 100.3  
174 95.8 75.4 113.0

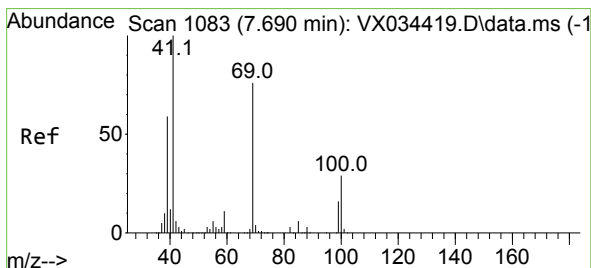
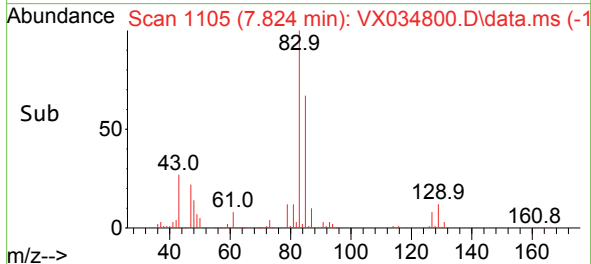
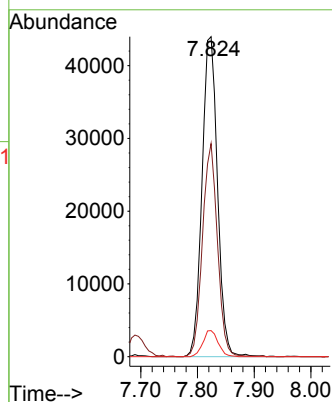
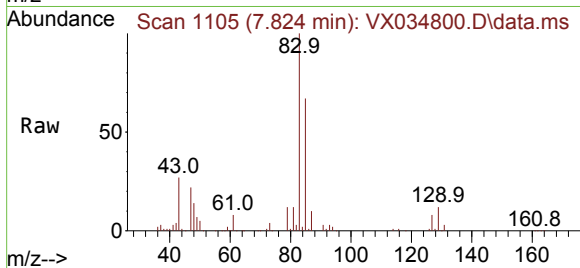




#47  
Bromodichloromethane  
Concen: 19.090 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

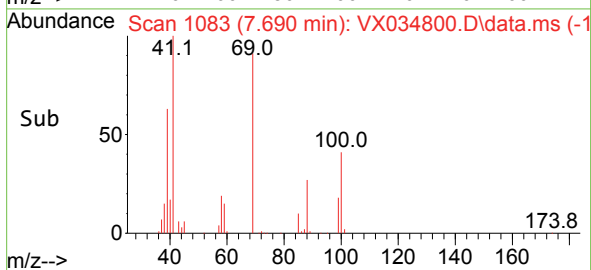
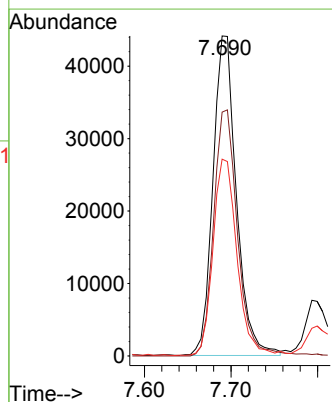
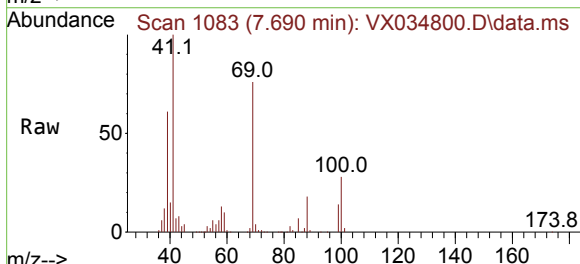
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

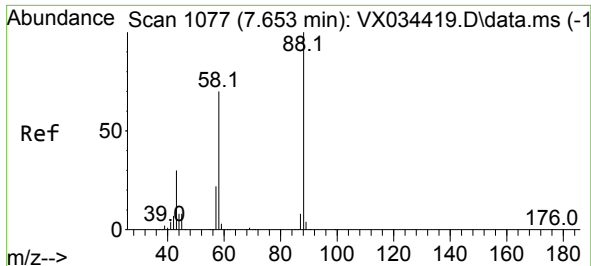
Tgt Ion: 83 Resp: 83282  
Ion Ratio Lower Upper  
83 100  
85 66.6 52.2 78.4  
127 8.2 6.6 9.8



#48  
Methyl methacrylate  
Concen: 21.478 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion: 41 Resp: 82987  
Ion Ratio Lower Upper  
41 100  
69 78.9 62.2 93.4  
39 63.0 47.7 71.5





#49

1,4-Dioxane

Concen: 343.715 ug/l

RT: 7.678 min Scan# 1081

Delta R.T. 0.025 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0328WBSD02

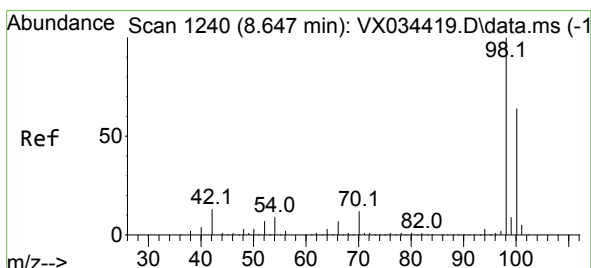
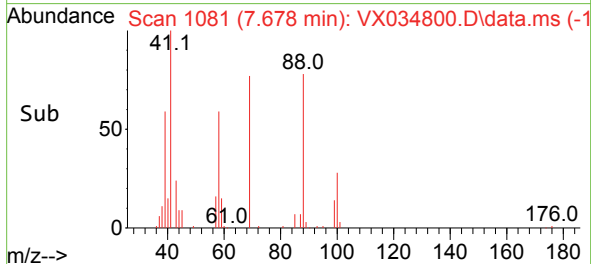
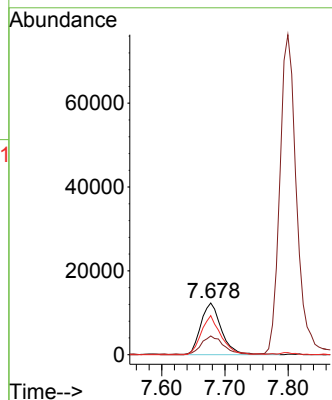
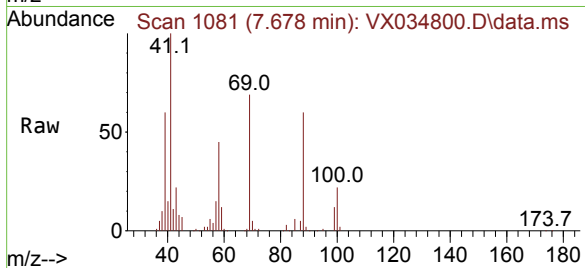
Tgt Ion: 88 Resp: 27894

Ion Ratio Lower Upper

88 100

43 36.8 27.7 41.5

58 71.9 56.8 85.2



#50

Toluene-d8

Concen: 50.502 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034800.D

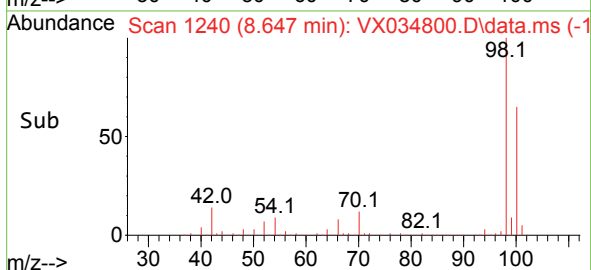
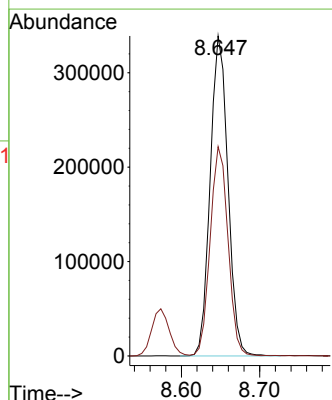
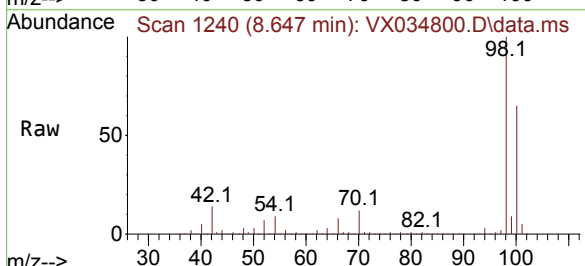
Acq: 28 Mar 2023 17:59

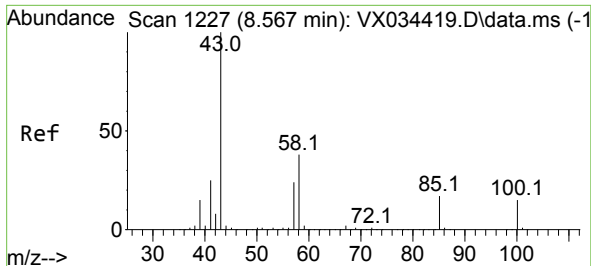
Tgt Ion: 98 Resp: 532815

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7

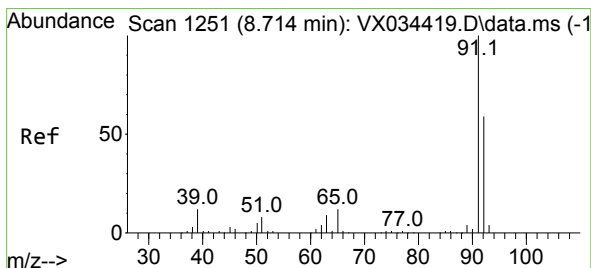
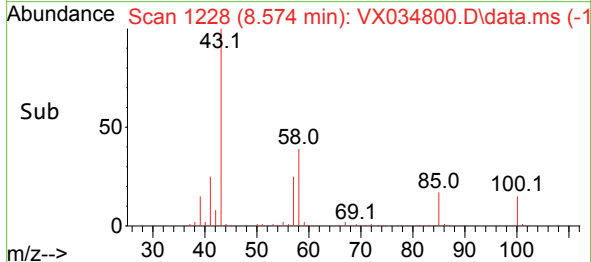
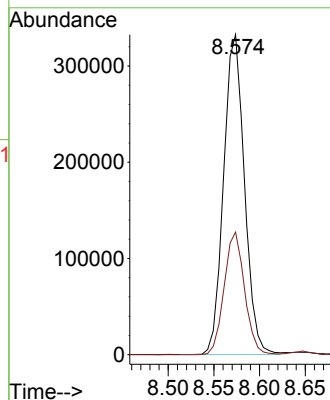
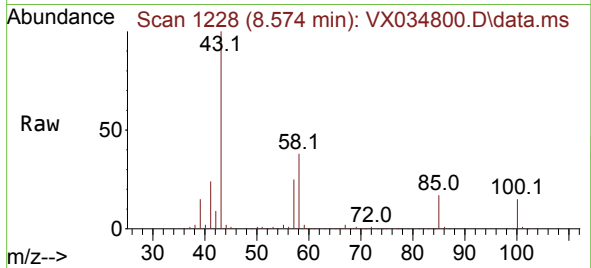




#51  
4-Methyl-2-Pentanone  
Concen: 113.119 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

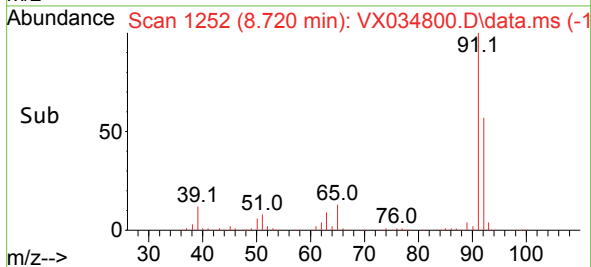
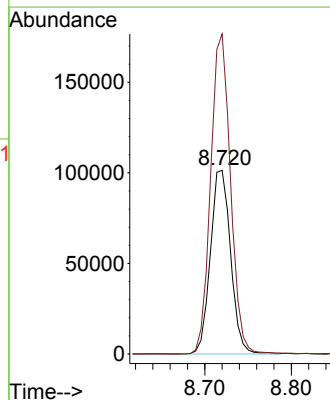
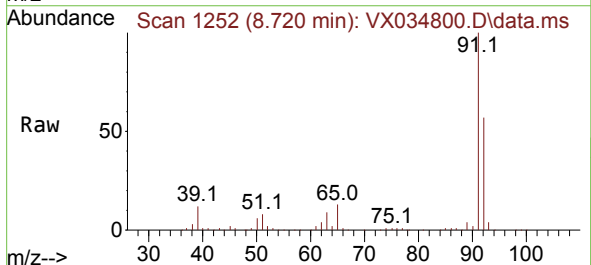
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

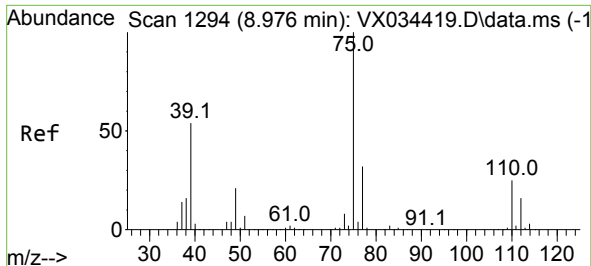
Tgt Ion: 43 Resp: 527186  
Ion Ratio Lower Upper  
43 100  
58 37.5 30.6 46.0



#52  
Toluene  
Concen: 20.944 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion: 92 Resp: 164655  
Ion Ratio Lower Upper  
92 100  
91 171.4 136.8 205.2

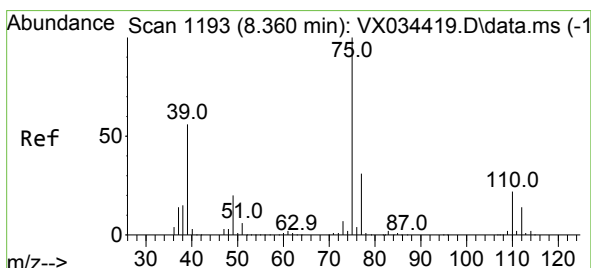
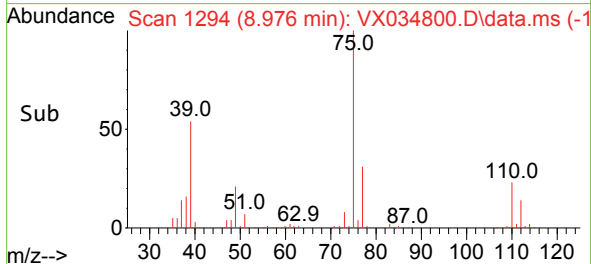
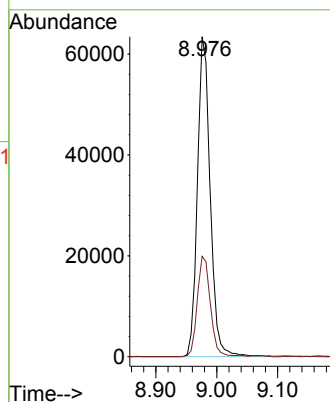
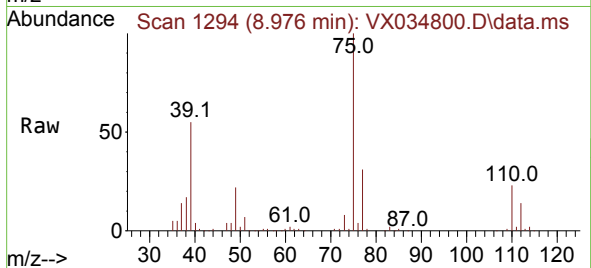




#53  
 t-1,3-Dichloropropene  
 Concen: 18.783 ug/l  
 RT: 8.976 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX034800.D  
 Acq: 28 Mar 2023 17:59

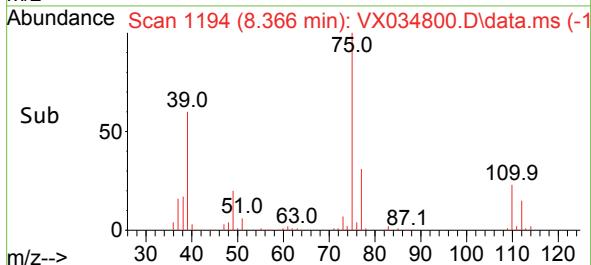
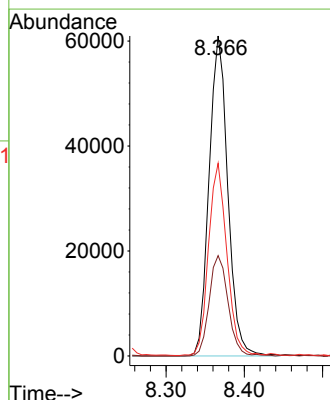
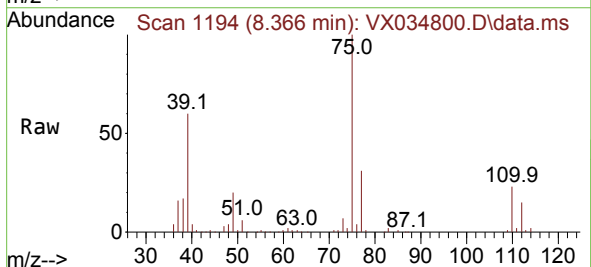
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0328WBSD02

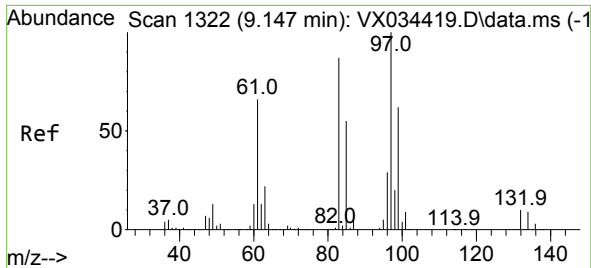
Tgt Ion: 75 Resp: 92317  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.007 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.006 min  
 Lab File: VX034800.D  
 Acq: 28 Mar 2023 17:59

Tgt Ion: 75 Resp: 101070  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 25.0 37.4  
 39 60.0 44.6 66.8

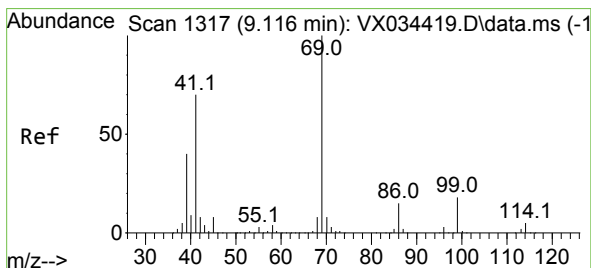
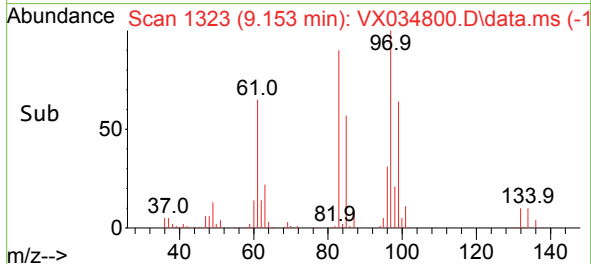
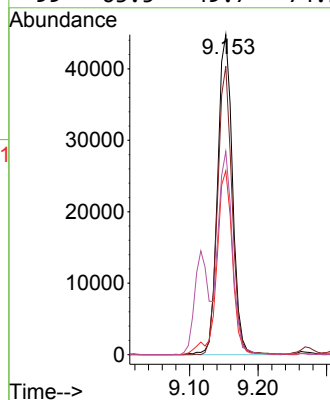
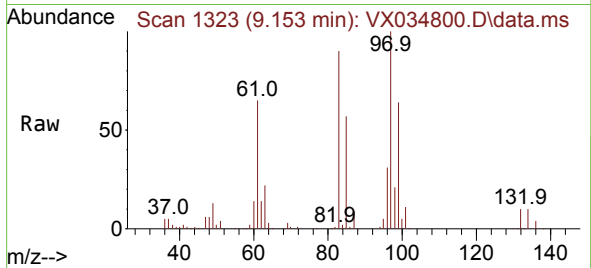




#55  
1,1,2-Trichloroethane  
Concen: 21.518 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

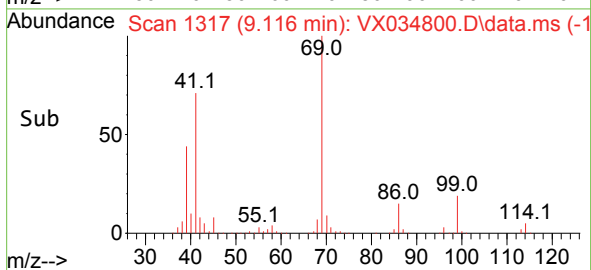
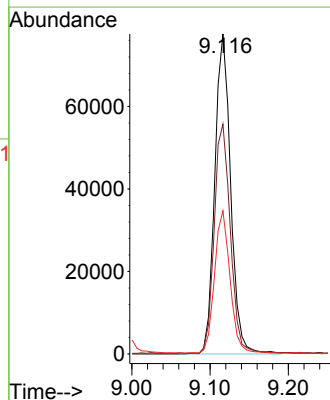
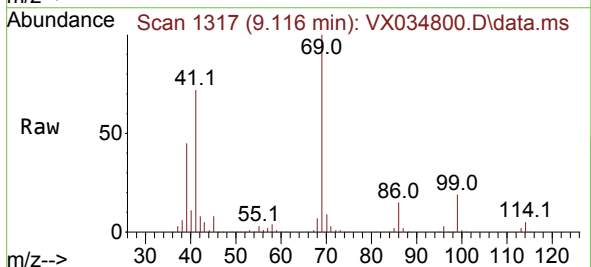
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

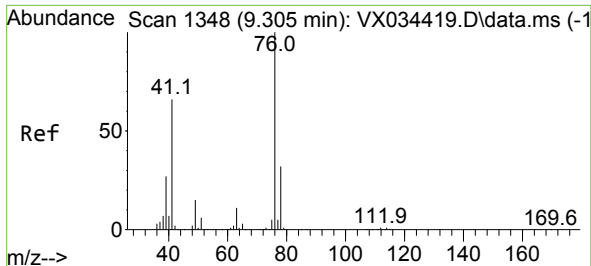
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 67137 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 90.1  | 69.7  | 104.5 |
| 85       | 57.5  | 43.7  | 65.5  |
| 99       | 63.5  | 49.7  | 74.5  |



#56  
Ethyl methacrylate  
Concen: 21.318 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 109210 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 72.9  | 57.4  | 86.0   |
| 39       | 43.7  | 33.7  | 50.5   |





#57

1,3-Dichloropropane

Concen: 21.318 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

Instrument :

MSVOA\_X

ClientSampleId :

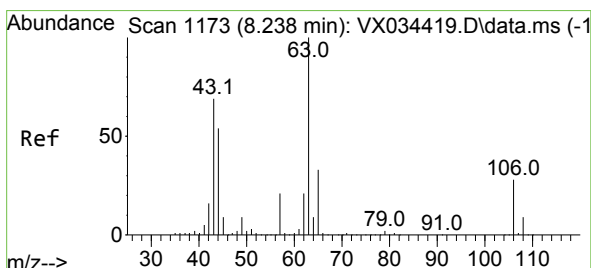
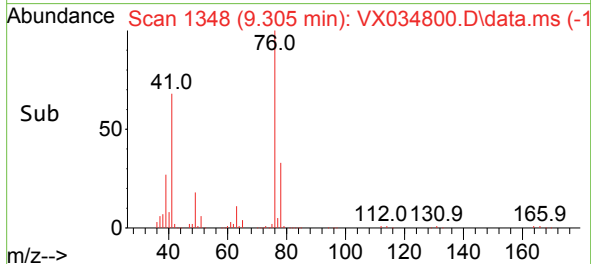
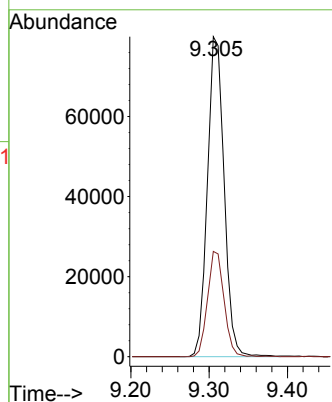
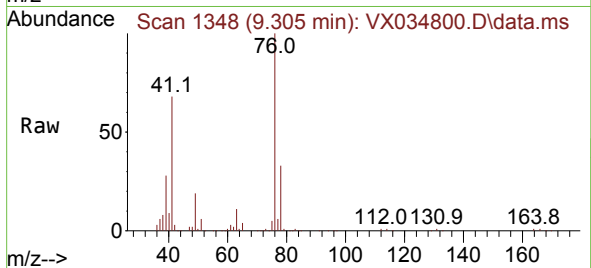
VX0328WBSD02

Tgt Ion: 76 Resp: 118212

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.391 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034800.D

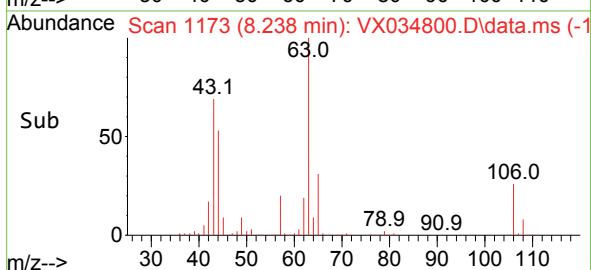
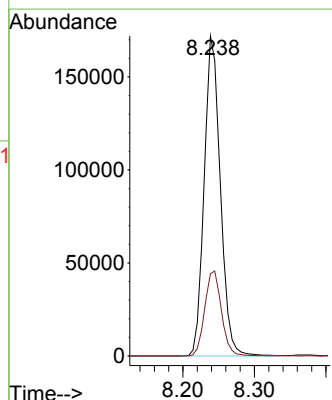
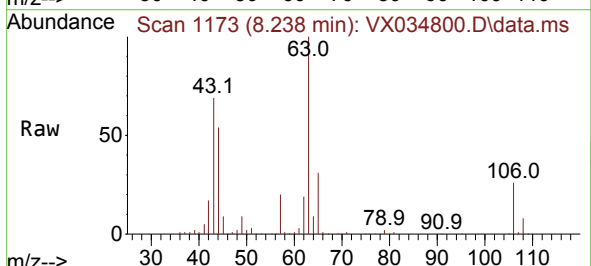
Acq: 28 Mar 2023 17:59

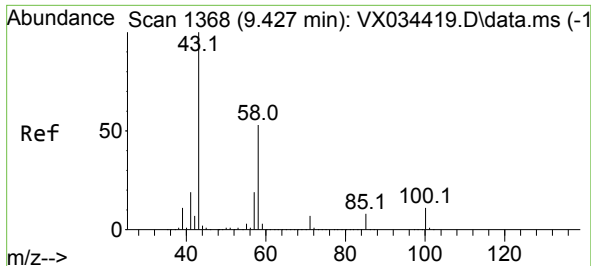
Tgt Ion: 63 Resp: 270322

Ion Ratio Lower Upper

63 100

106 27.4 22.2 33.2

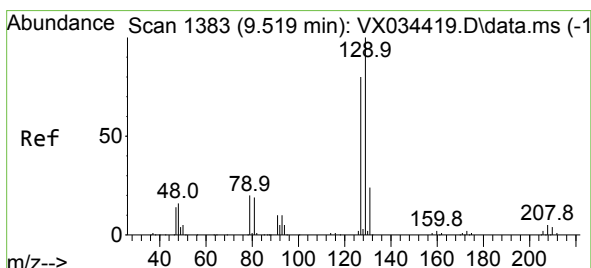
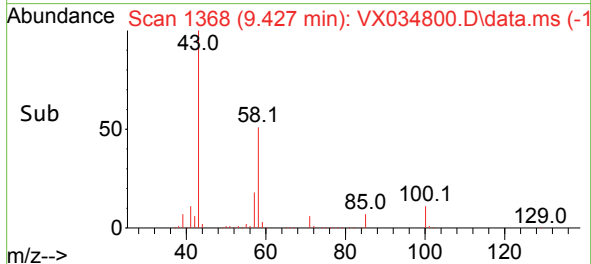
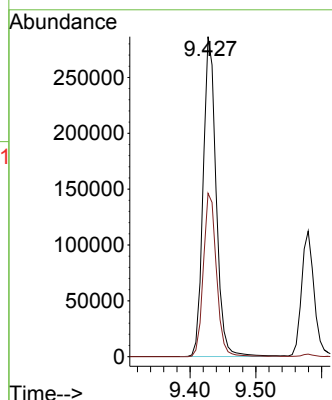
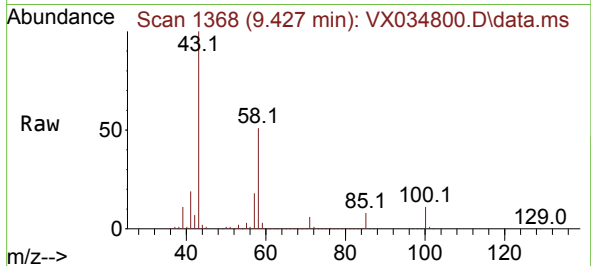




#59  
2-Hexanone  
Concen: 109.139 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

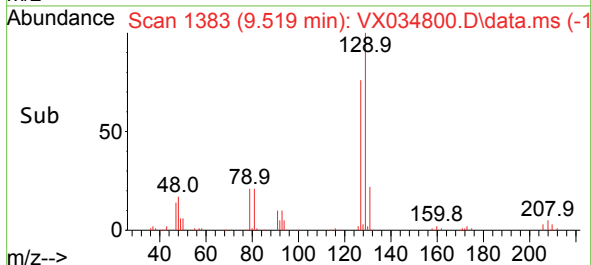
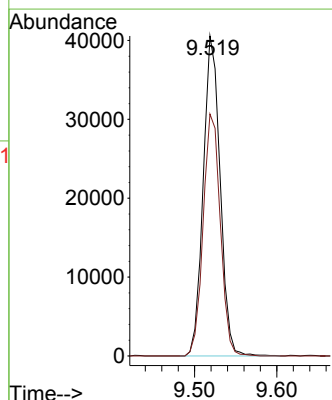
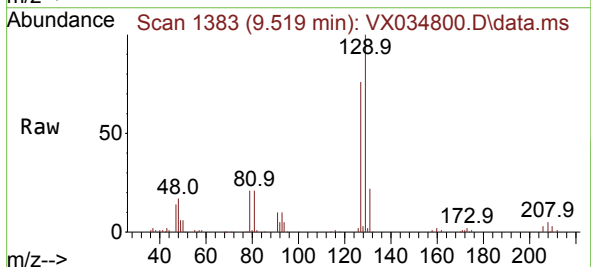
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

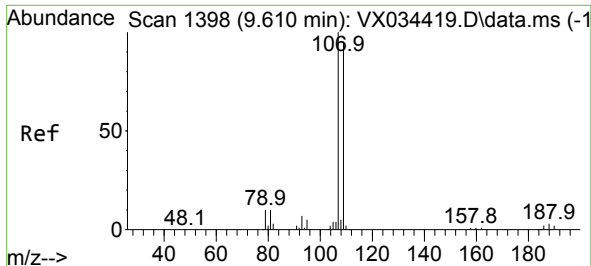
Tgt Ion: 43 Resp: 393185  
Ion Ratio Lower Upper  
43 100  
58 51.5 26.3 78.9



#60  
Dibromochloromethane  
Concen: 17.689 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion: 129 Resp: 57885  
Ion Ratio Lower Upper  
129 100  
127 76.8 39.0 117.0

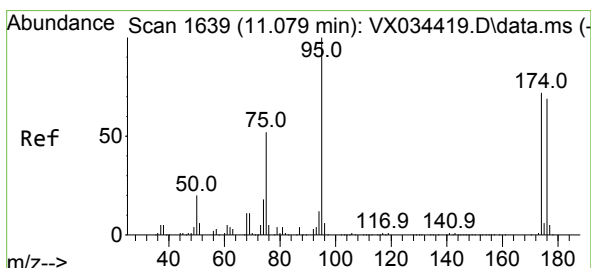
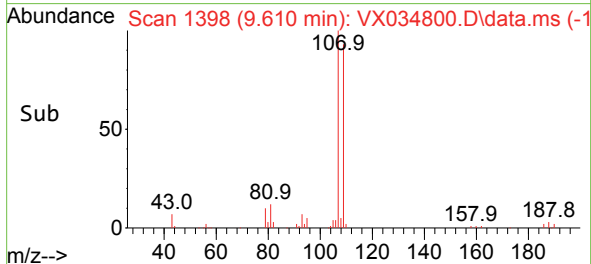
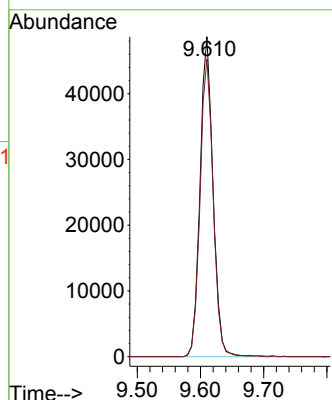
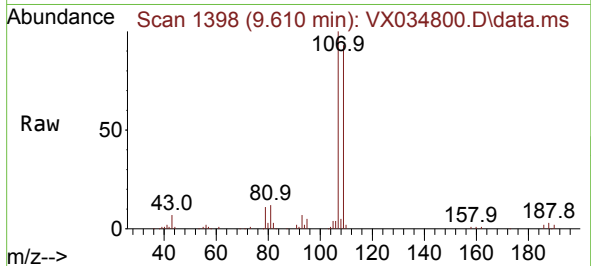




#61  
1,2-Dibromoethane  
Concen: 20.664 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

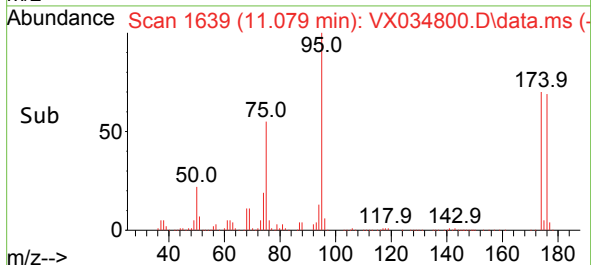
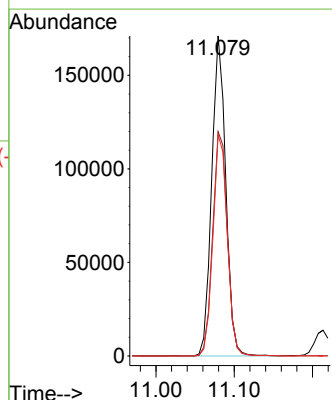
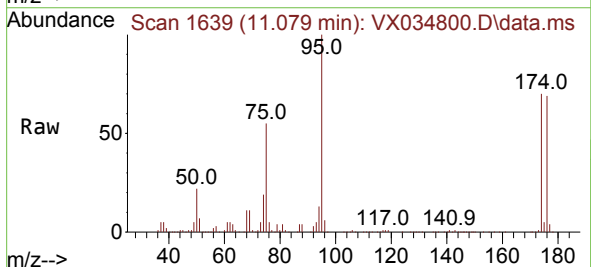
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

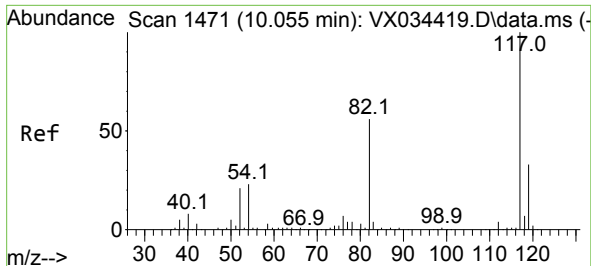
Tgt Ion:107 Resp: 69573  
Ion Ratio Lower Upper  
107 100  
109 94.2 75.3 112.9



#62  
4-Bromofluorobenzene  
Concen: 49.787 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion: 95 Resp: 212169  
Ion Ratio Lower Upper  
95 100  
174 73.0 0.0 147.4  
176 70.6 0.0 140.6

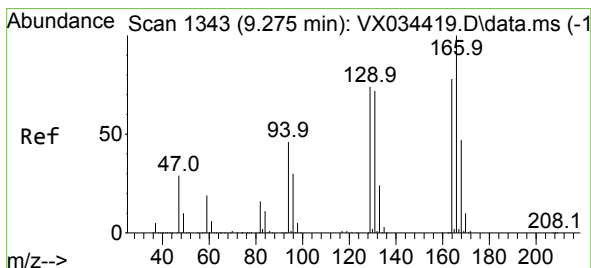
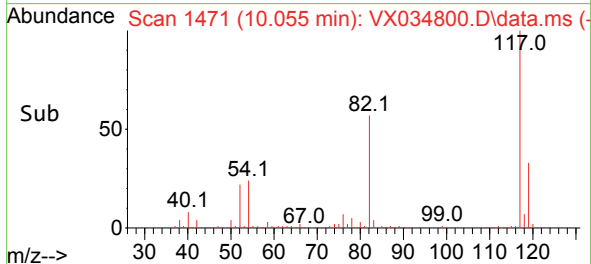
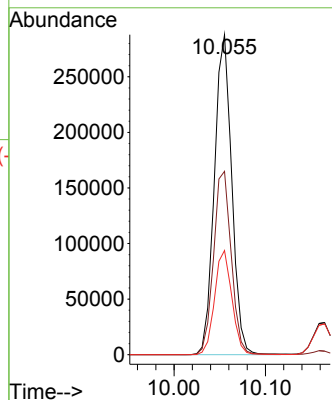
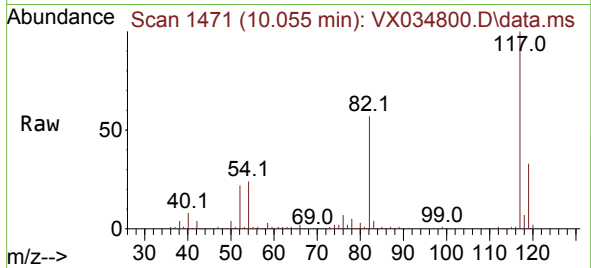




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

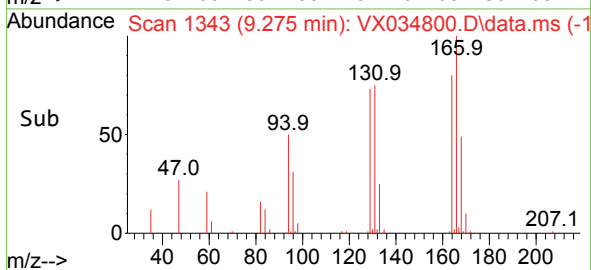
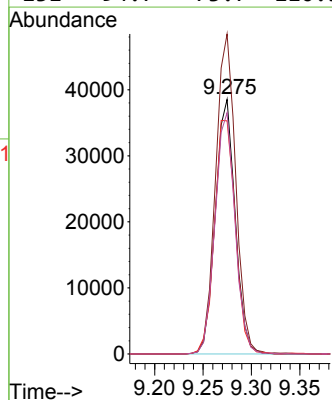
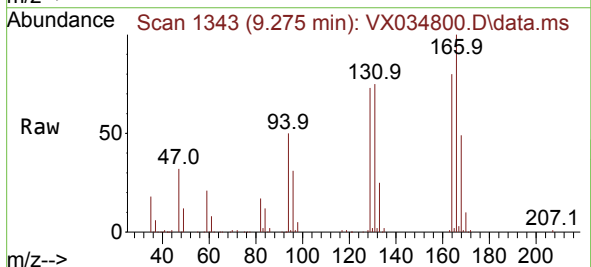
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

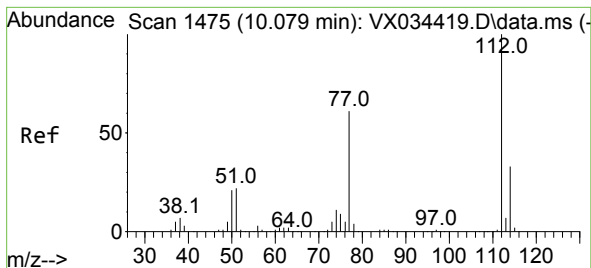
Tgt Ion:117 Resp: 379537  
Ion Ratio Lower Upper  
117 100  
82 57.3 45.0 67.4  
119 32.6 26.0 39.0



#64  
Tetrachloroethene  
Concen: 21.483 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion:164 Resp: 54770  
Ion Ratio Lower Upper  
164 100  
166 125.7 102.7 154.1  
129 91.6 75.6 113.4  
131 94.7 73.7 110.5





#65

Chlorobenzene

Concen: 20.583 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

Instrument :

MSVOA\_X

ClientSampleId :

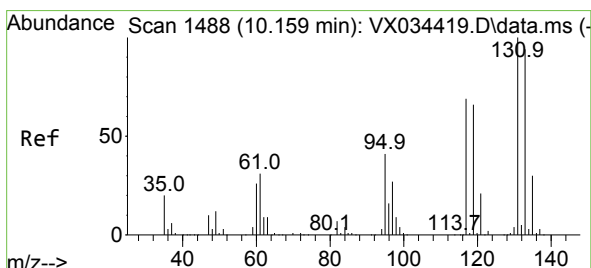
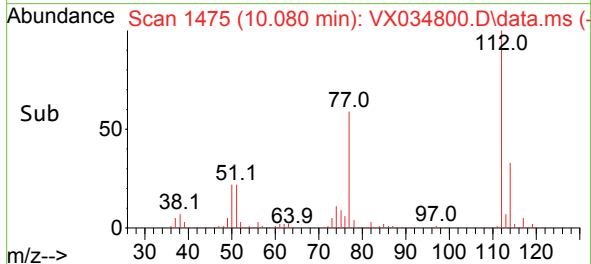
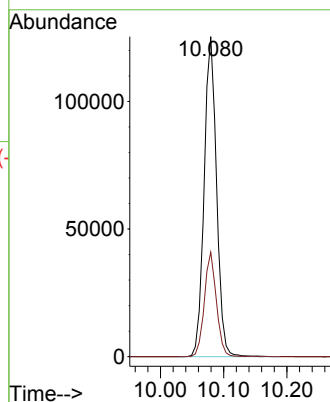
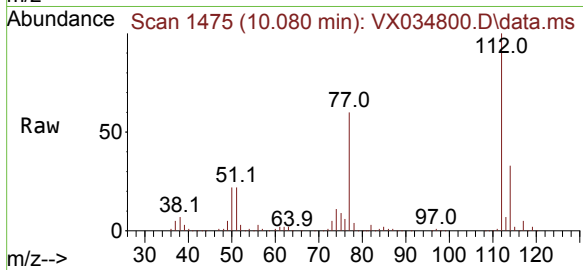
VX0328WBSD02

Tgt Ion:112 Resp: 171402

Ion Ratio Lower Upper

112 100

114 32.7 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 19.278 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

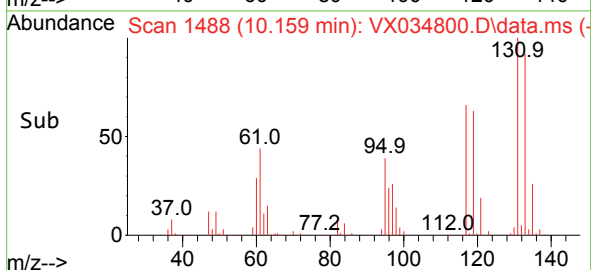
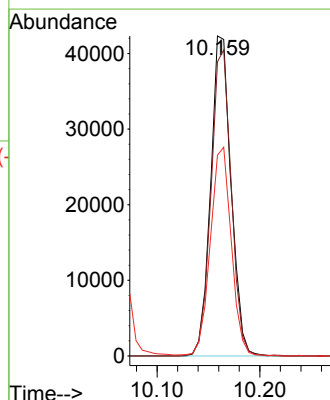
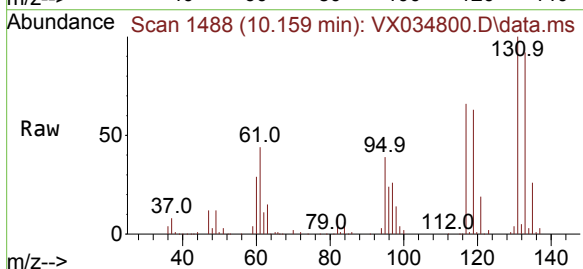
Tgt Ion:131 Resp: 58469

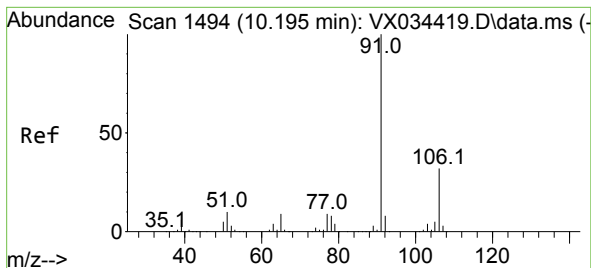
Ion Ratio Lower Upper

131 100

133 94.8 47.1 141.4

119 67.1 32.6 98.0

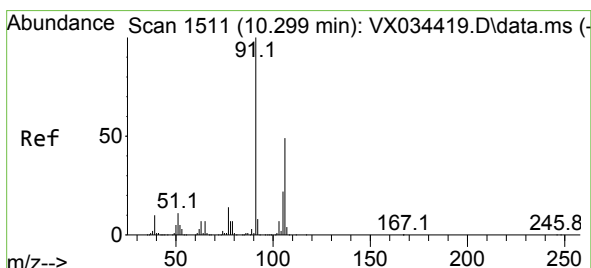
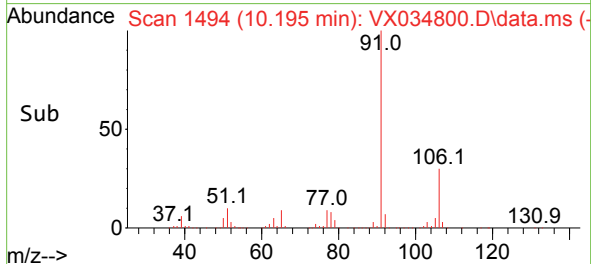
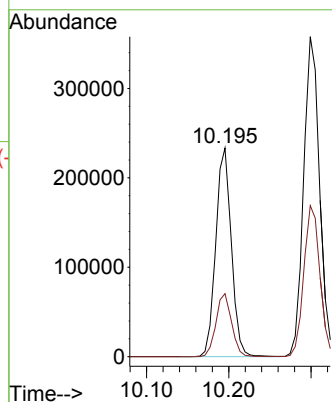
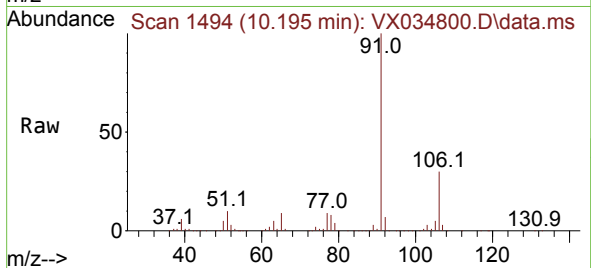




#67  
Ethyl Benzene  
Concen: 20.590 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

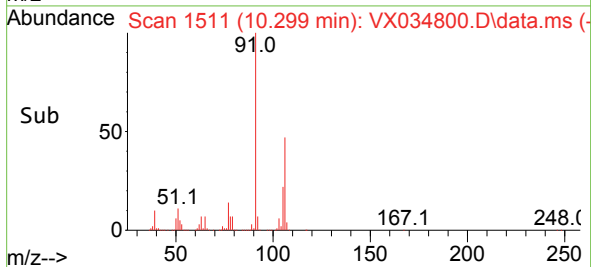
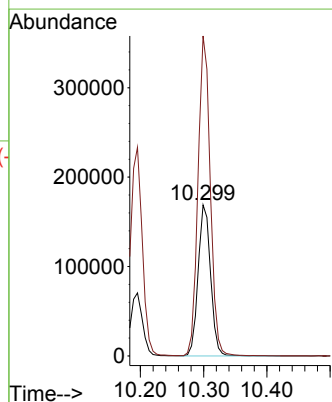
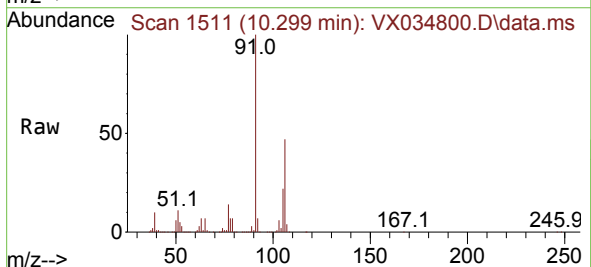
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

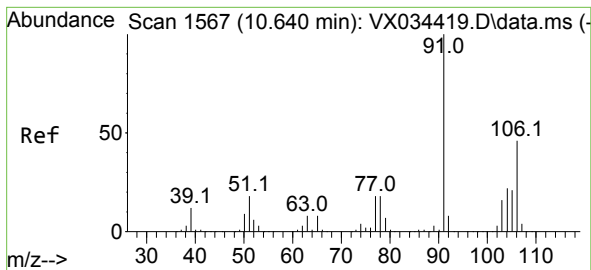
Tgt Ion: 91 Resp: 306955  
Ion Ratio Lower Upper  
91 100  
106 30.3 25.6 38.4



#68  
m/p-Xylenes  
Concen: 40.545 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion: 106 Resp: 232192  
Ion Ratio Lower Upper  
106 100  
91 208.7 164.0 246.0

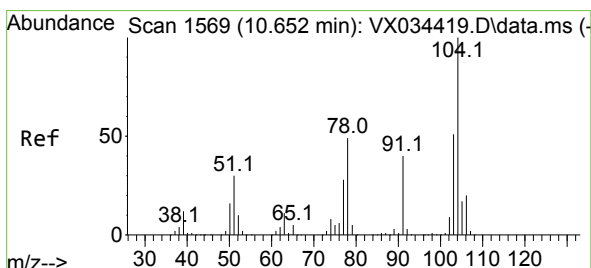
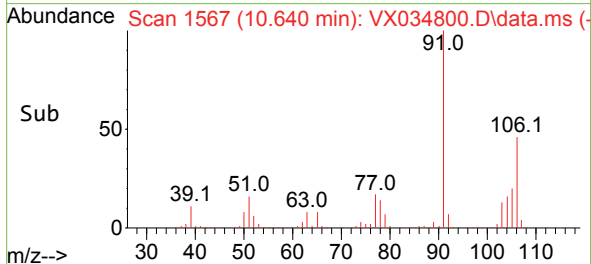
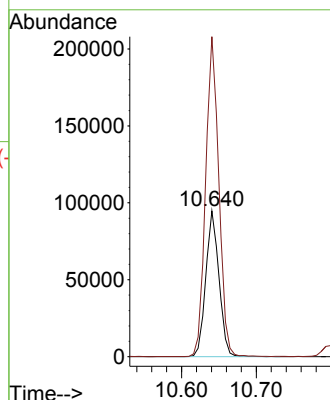
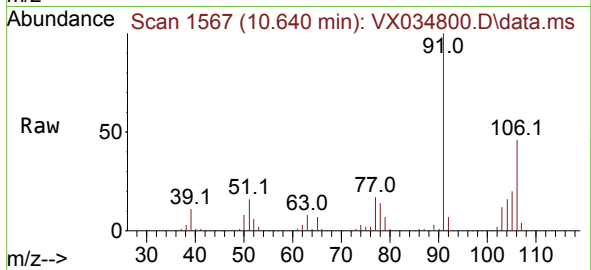




#69  
o-Xylene  
Concen: 20.167 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

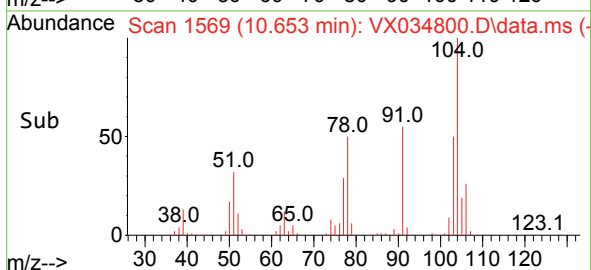
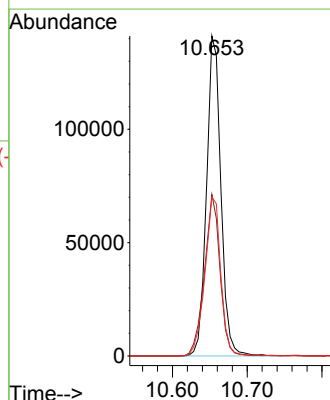
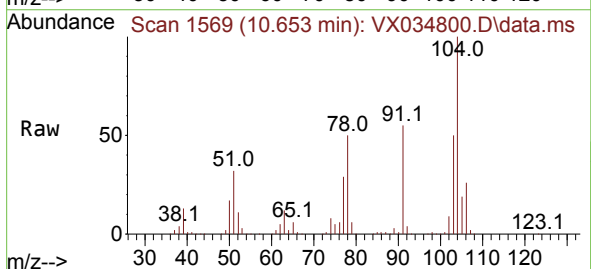
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

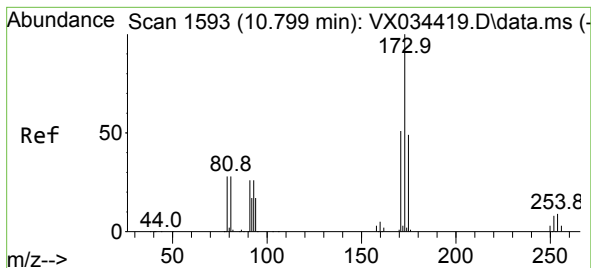
Tgt Ion:106 Resp: 115898  
Ion Ratio Lower Upper  
106 100  
91 220.1 108.5 325.3



#70  
Styrene  
Concen: 20.333 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion:104 Resp: 188530  
Ion Ratio Lower Upper  
104 100  
78 55.0 43.4 65.2  
103 55.1 44.2 66.2





#71

Bromoform

Concen: 15.698 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0328WBSD02

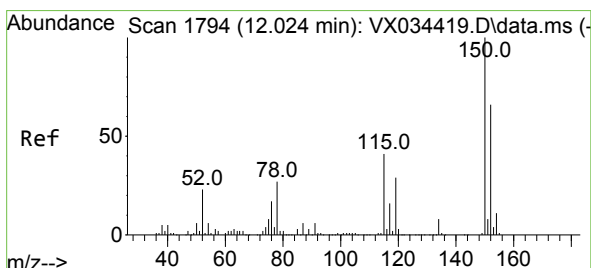
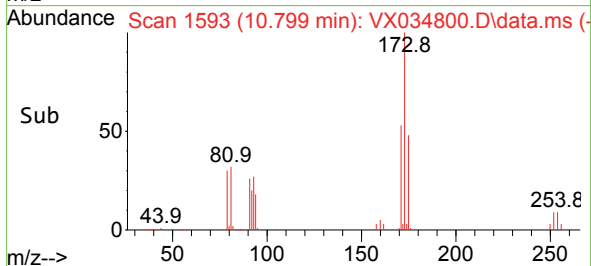
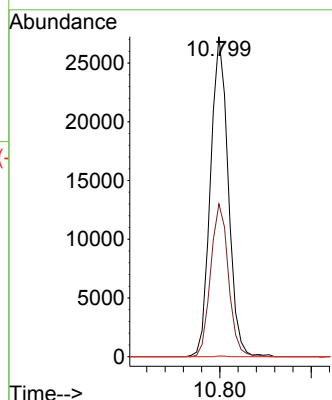
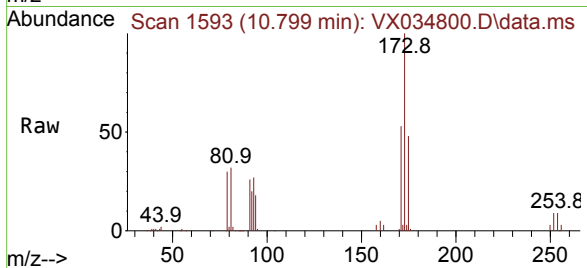
Tgt Ion:173 Resp: 36649

Ion Ratio Lower Upper

173 100

175 47.9 24.1 72.4

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

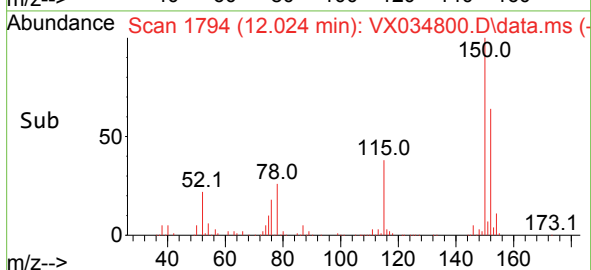
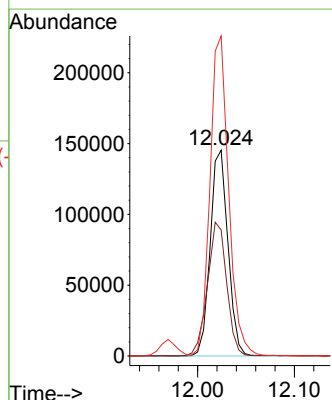
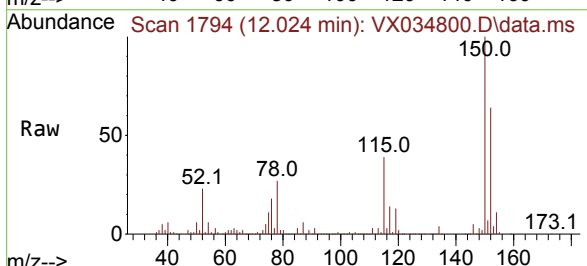
Tgt Ion:152 Resp: 184917

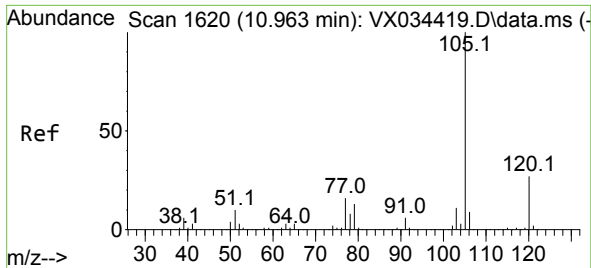
Ion Ratio Lower Upper

152 100

115 70.2 45.0 135.0

150 162.7 0.0 352.4

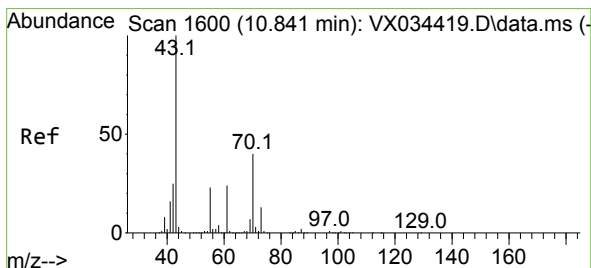
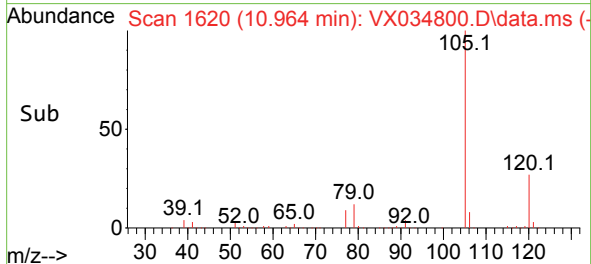
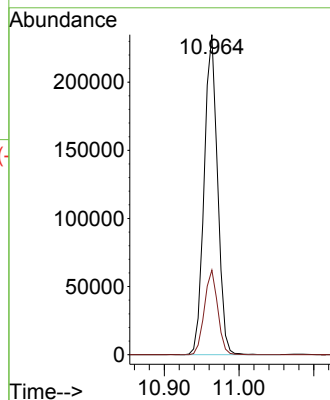
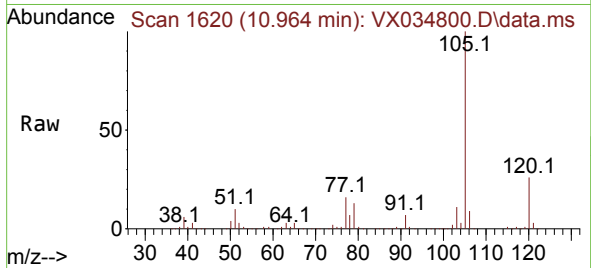




#73  
Isopropylbenzene  
Concen: 20.428 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

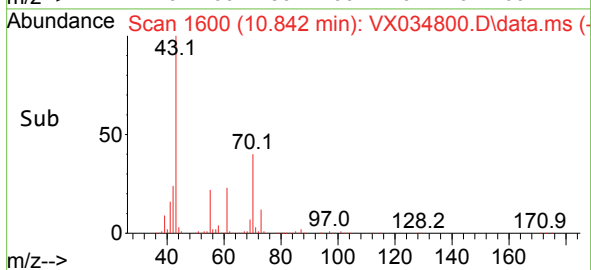
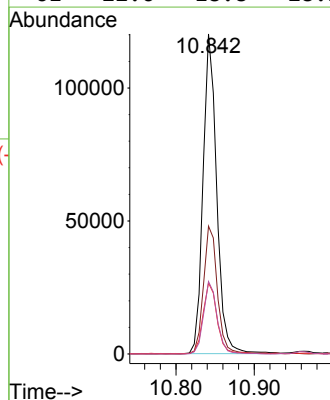
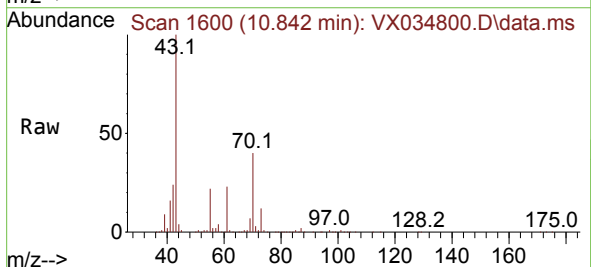
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

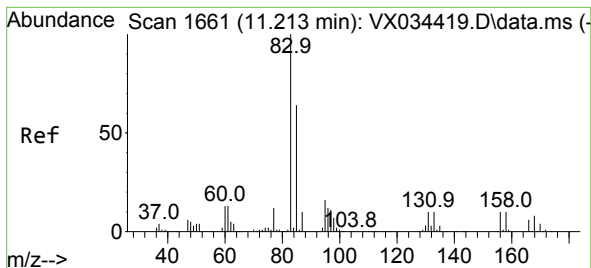
Tgt Ion:105 Resp: 291953  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.3 39.9



#74  
N-ethyl acetate  
Concen: 21.249 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion: 43 Resp: 145458  
Ion Ratio Lower Upper  
43 100  
70 40.9 32.1 48.1  
55 22.7 18.3 27.5  
61 22.6 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.853 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0328WBSD02

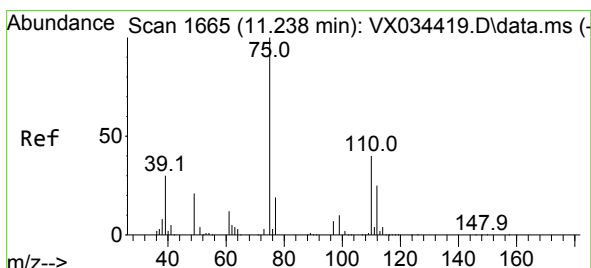
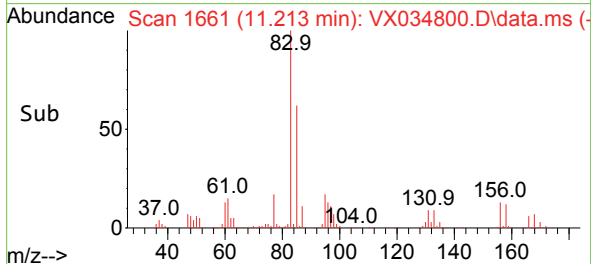
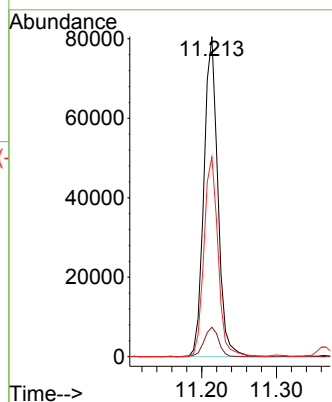
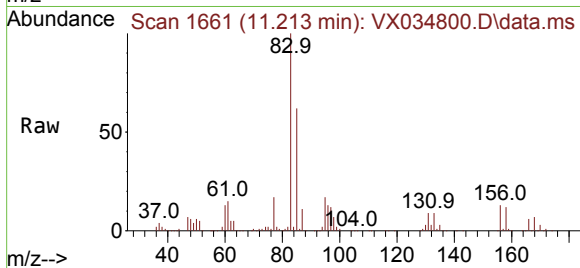
Tgt Ion: 83 Resp: 104220

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.3

85 63.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 25.766 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX034800.D

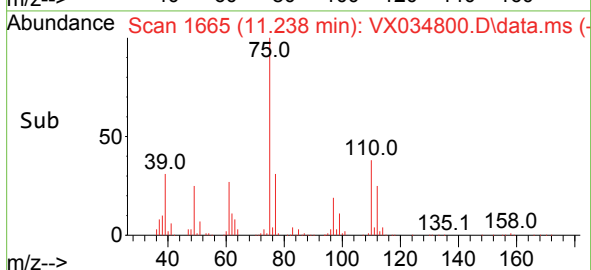
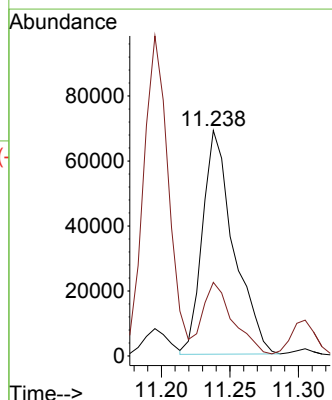
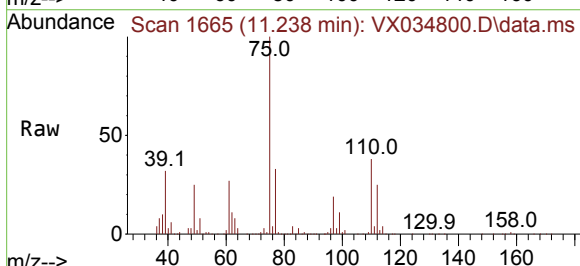
Acq: 28 Mar 2023 17:59

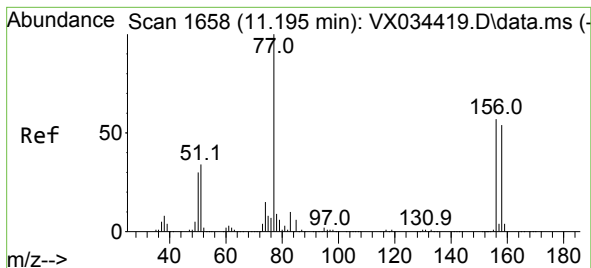
Tgt Ion: 75 Resp: 109401

Ion Ratio Lower Upper

75 100

77 32.7 21.6 64.8





#77

Bromobenzene

Concen: 20.823 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0328WBSD02

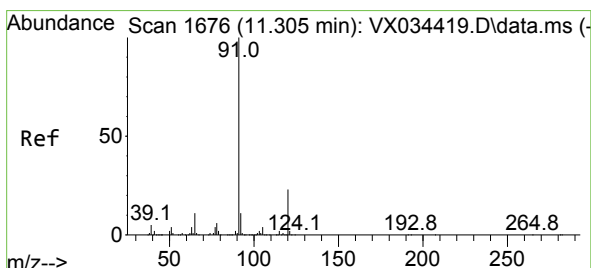
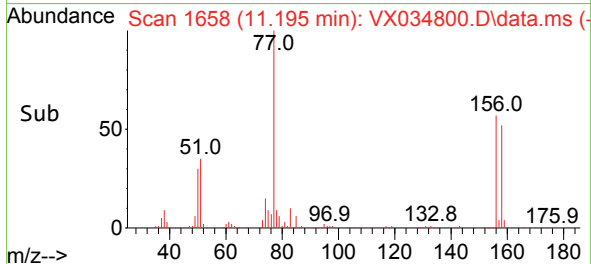
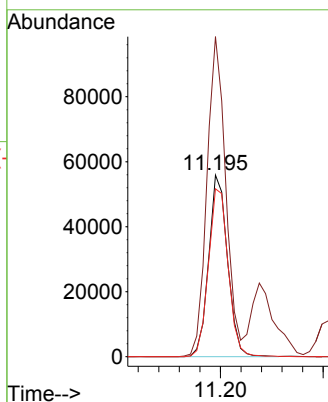
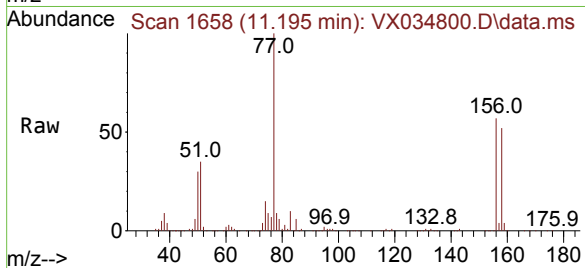
Tgt Ion:156 Resp: 71401

Ion Ratio Lower Upper

156 100

77 175.0 86.7 259.9

158 96.7 48.0 144.0



#78

n-propylbenzene

Concen: 20.429 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX034800.D

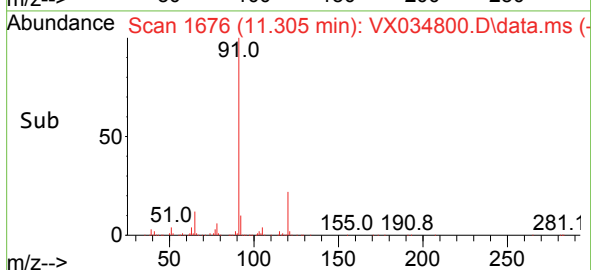
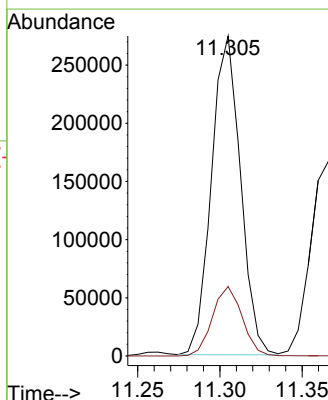
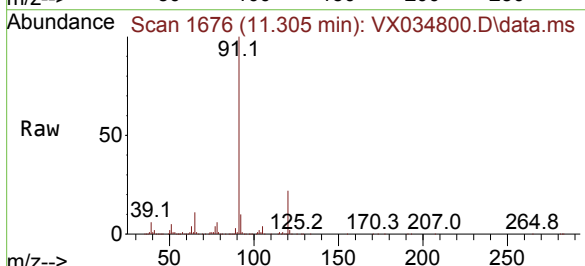
Acq: 28 Mar 2023 17:59

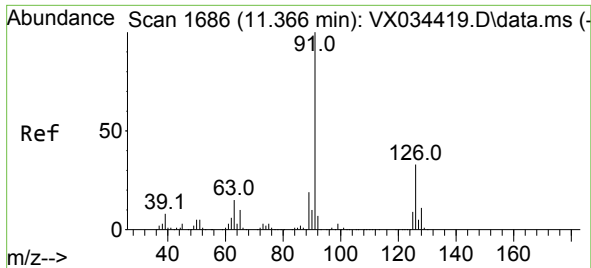
Tgt Ion: 91 Resp: 337185

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.5

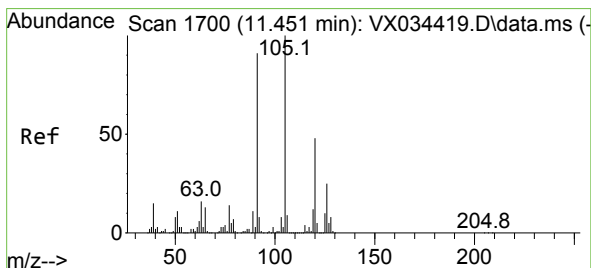
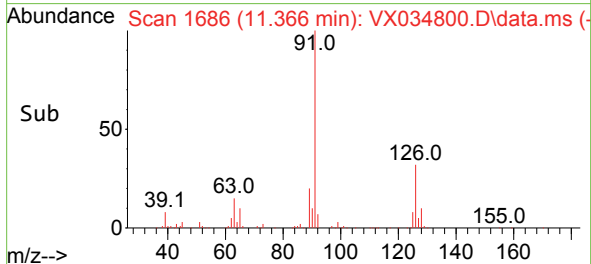
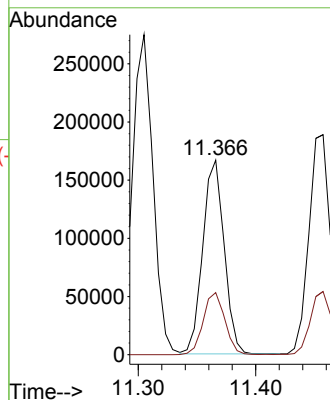
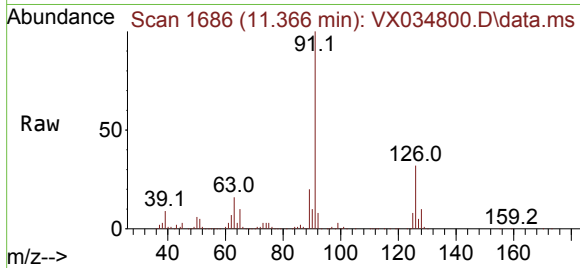




#79  
2-Chlorotoluene  
Concen: 20.630 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

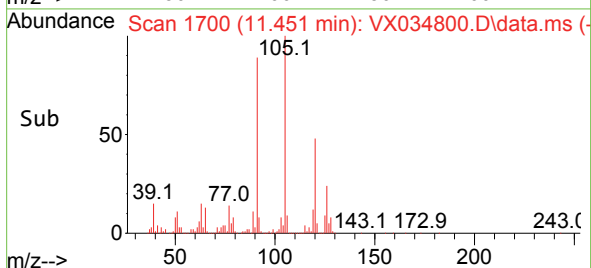
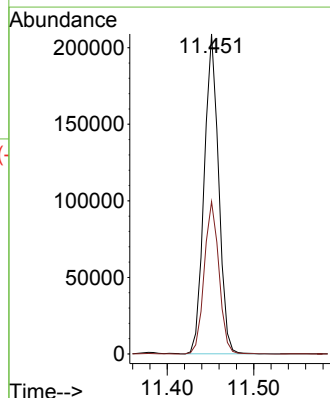
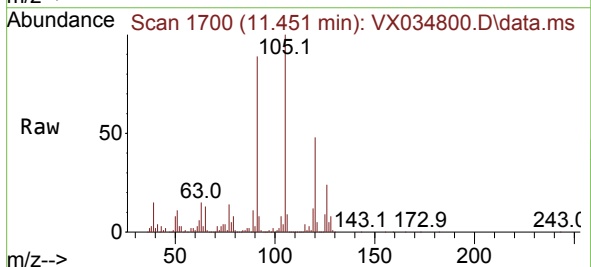
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

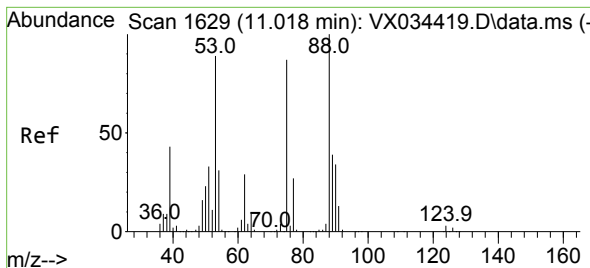
Tgt Ion: 91 Resp: 210296  
Ion Ratio Lower Upper  
91 100  
126 32.5 16.3 48.9



#80  
1,3,5-Trimethylbenzene  
Concen: 20.146 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion:105 Resp: 241496  
Ion Ratio Lower Upper  
105 100  
120 48.6 23.7 71.1

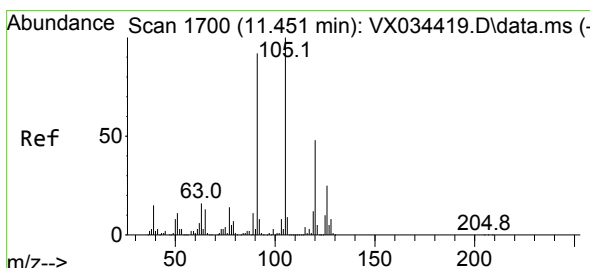
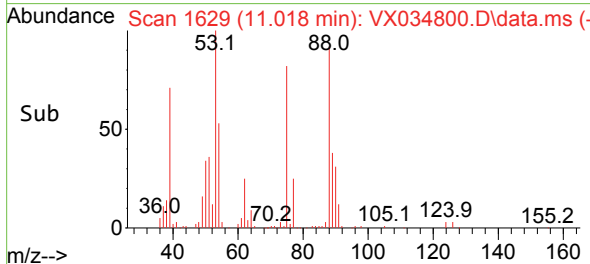
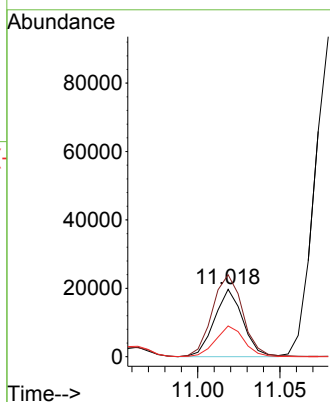
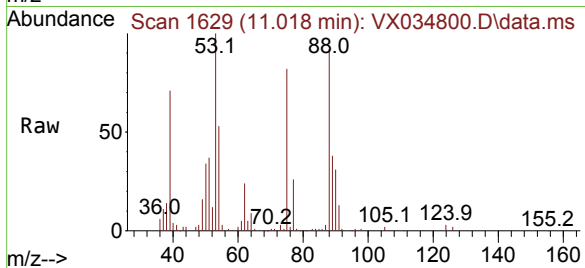




#81  
trans-1,4-Dichloro-2-butene  
Concen: 15.153 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

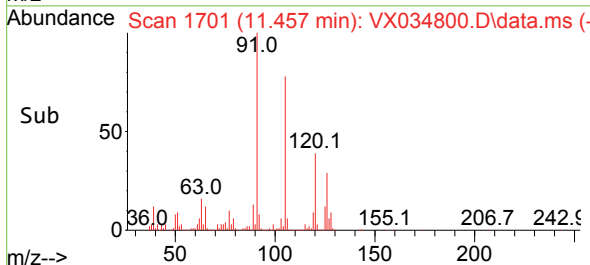
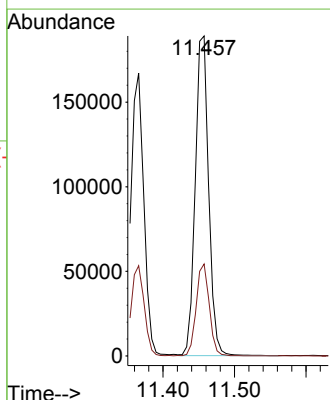
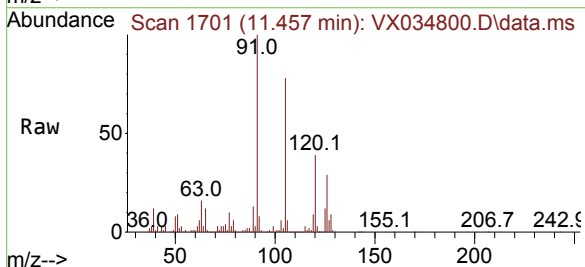
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

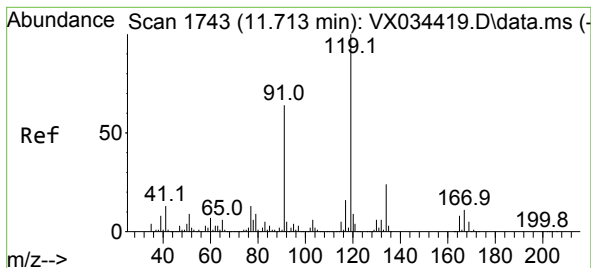
Tgt Ion: 75 Resp: 23782  
Ion Ratio Lower Upper  
75 100  
53 130.5 82.6 124.0#  
89 45.5 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 20.870 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion: 91 Resp: 245044  
Ion Ratio Lower Upper  
91 100  
126 28.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.971 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0328WBSD02

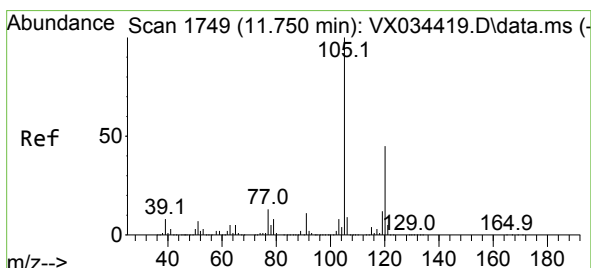
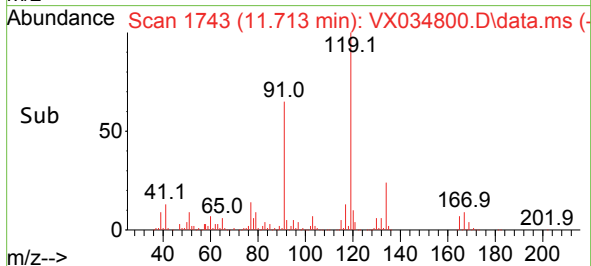
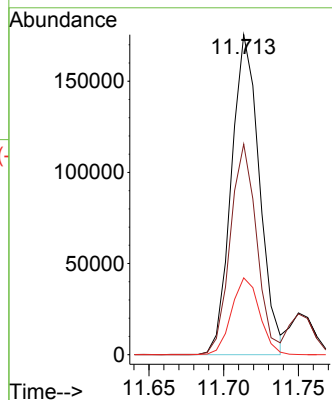
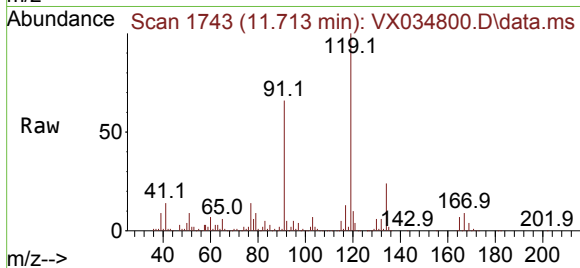
Tgt Ion:119 Resp: 229287

Ion Ratio Lower Upper

119 100

91 62.3 30.6 92.0

134 24.0 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 20.341 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034800.D

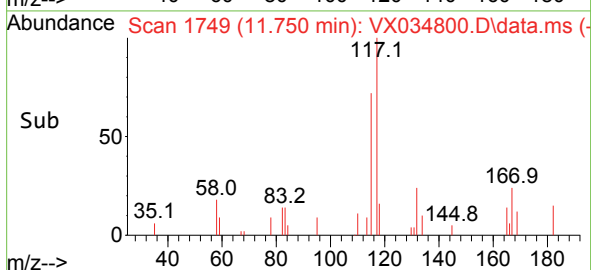
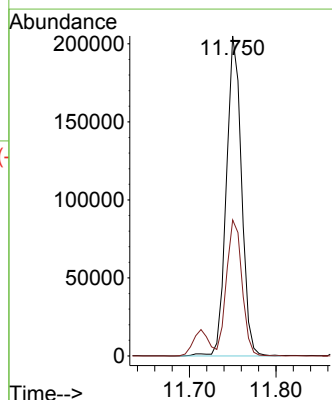
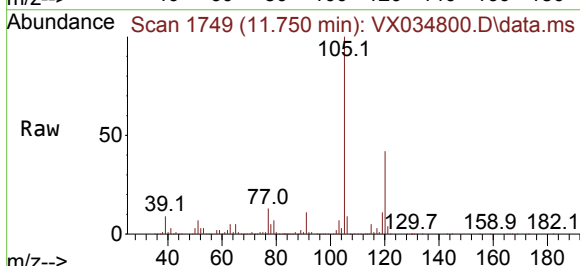
Acq: 28 Mar 2023 17:59

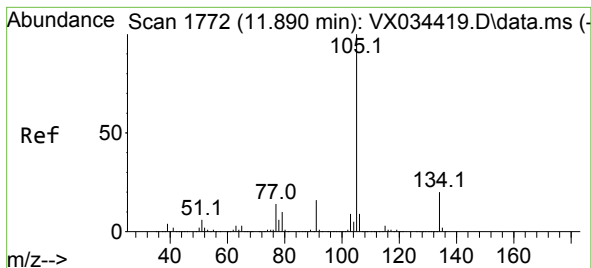
Tgt Ion:105 Resp: 249202

Ion Ratio Lower Upper

105 100

120 43.3 22.4 67.0





#85

sec-Butylbenzene

Concen: 18.556 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

Instrument :

MSVOA\_X

ClientSampleId :

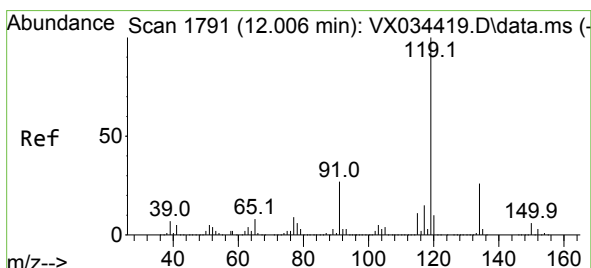
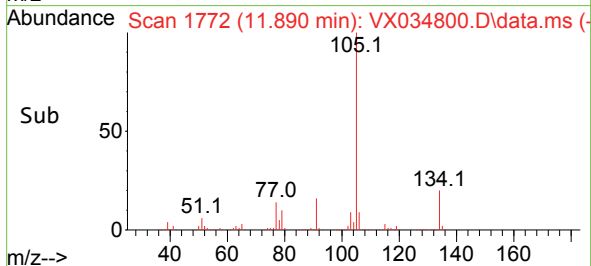
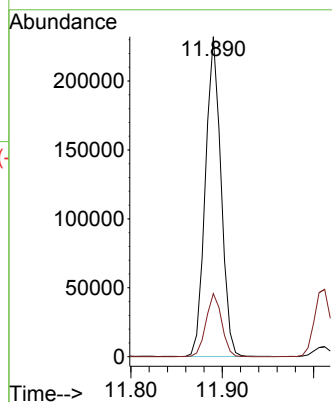
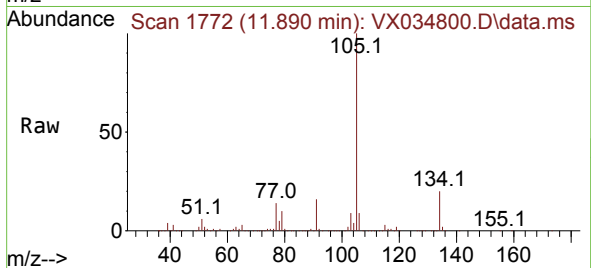
VX0328WBSD02

Tgt Ion:105 Resp: 274186

Ion Ratio Lower Upper

105 100

134 19.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 18.721 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

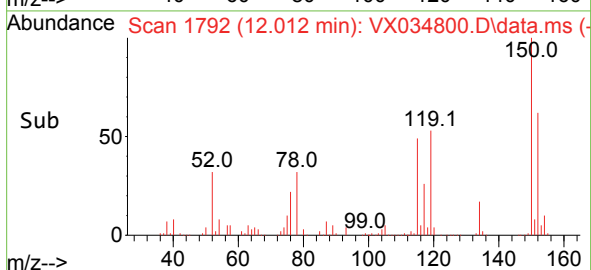
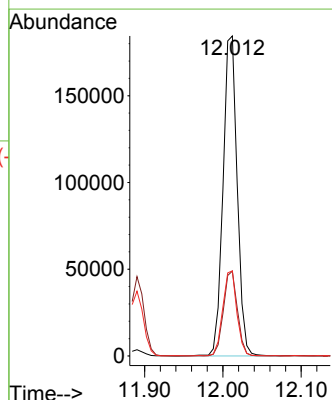
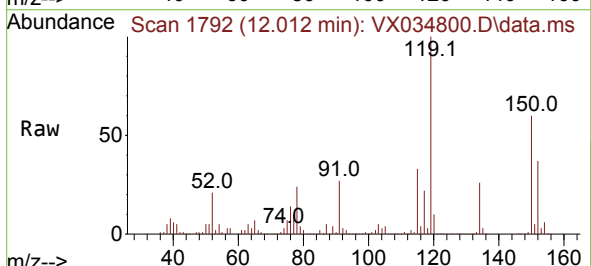
Tgt Ion:119 Resp: 232487

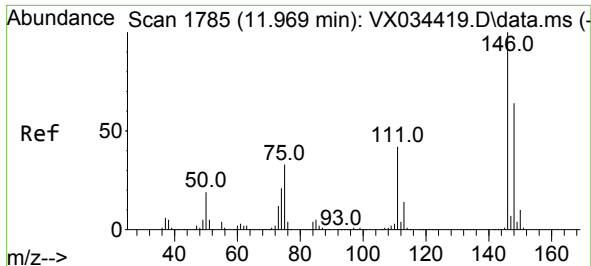
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 26.4 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 19.838 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0328WBSD02

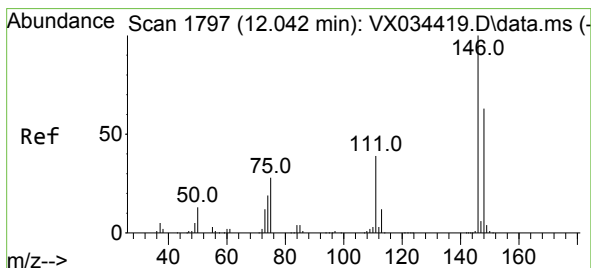
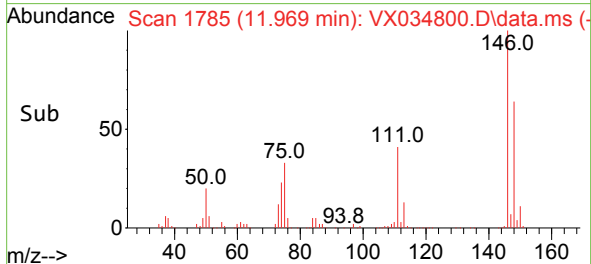
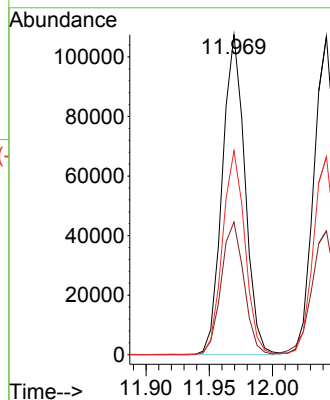
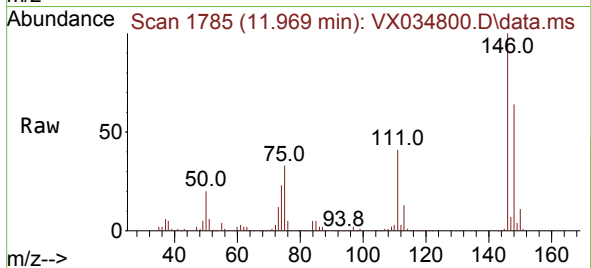
Tgt Ion:146 Resp: 133279

Ion Ratio Lower Upper

146 100

111 42.0 20.9 62.8

148 63.3 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 19.526 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

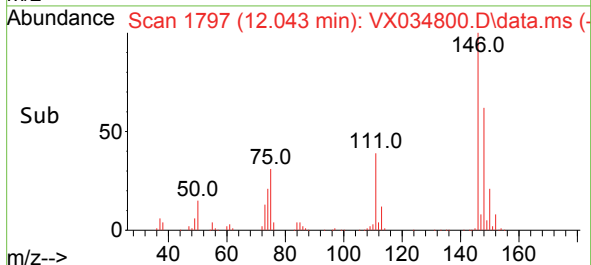
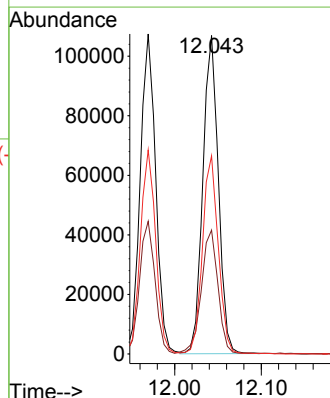
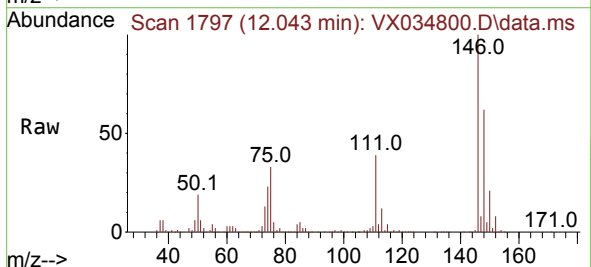
Tgt Ion:146 Resp: 132646

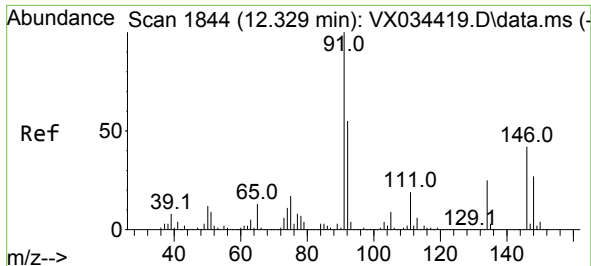
Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.9

148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 18.525 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0328WBSD02

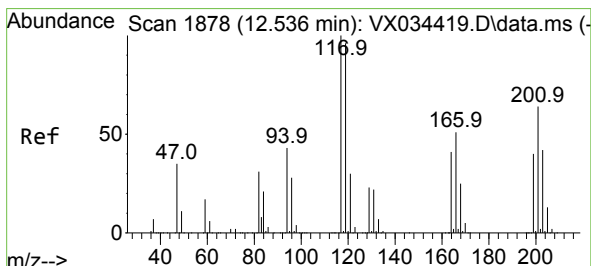
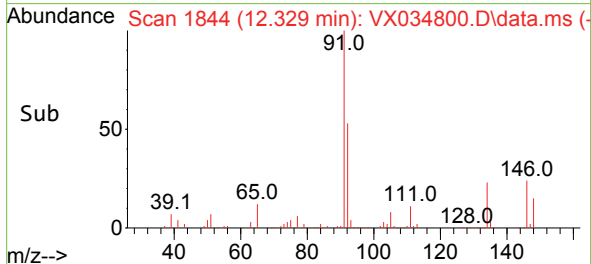
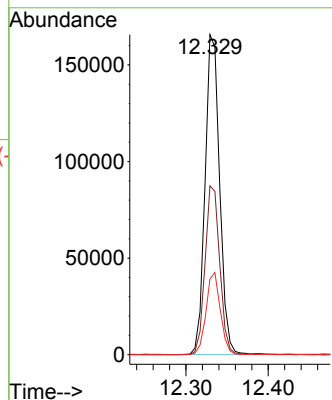
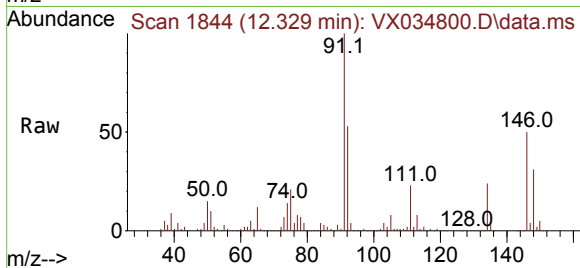
Tgt Ion: 91 Resp: 204510

Ion Ratio Lower Upper

91 100

92 53.2 27.7 83.0

134 25.3 13.0 38.9



#90

Hexachloroethane

Concen: 14.459 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX034800.D

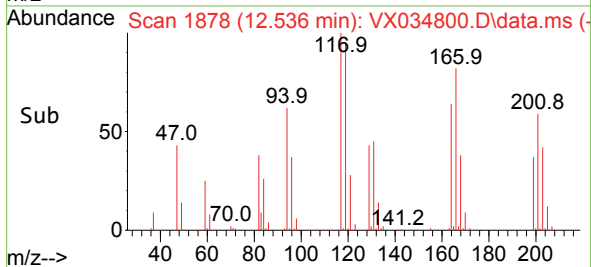
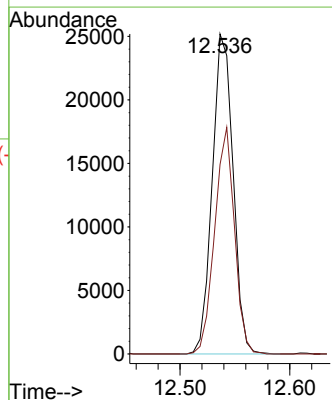
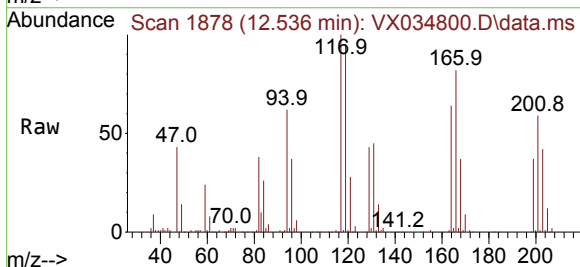
Acq: 28 Mar 2023 17:59

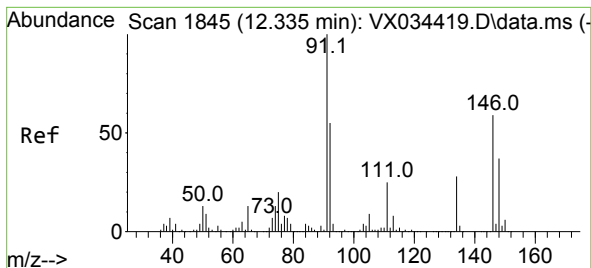
Tgt Ion: 117 Resp: 33225

Ion Ratio Lower Upper

117 100

201 67.6 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 20.090 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0328WBSD02

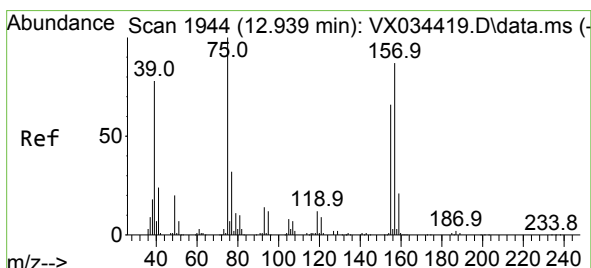
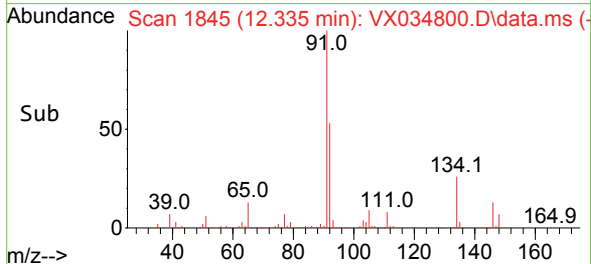
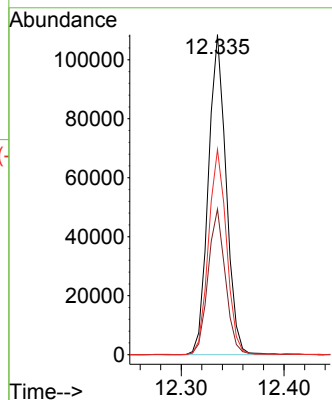
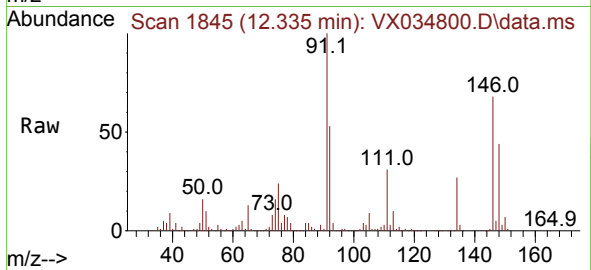
Tgt Ion:146 Resp: 130441

Ion Ratio Lower Upper

146 100

111 44.4 22.0 66.0

148 64.7 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.415 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

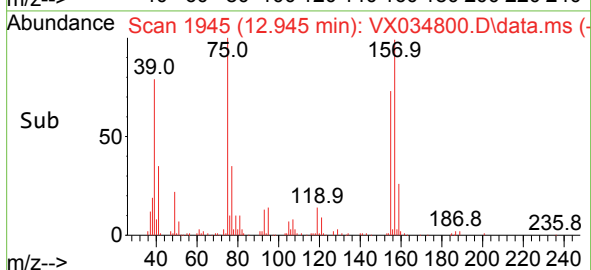
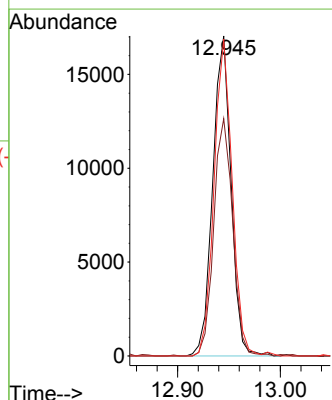
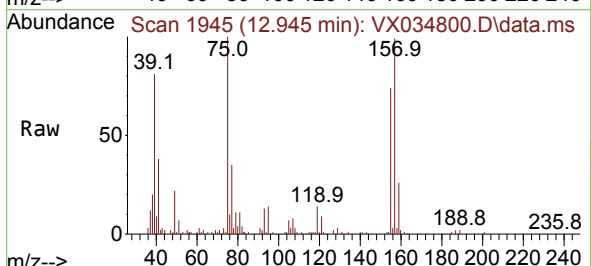
Tgt Ion: 75 Resp: 21037

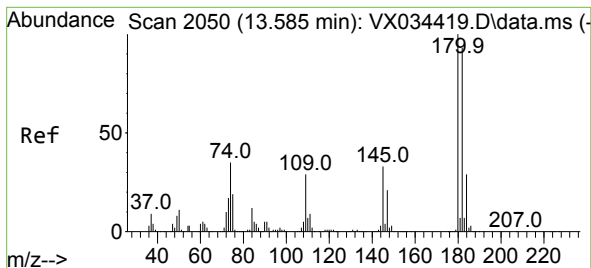
Ion Ratio Lower Upper

75 100

155 76.7 38.4 115.1

157 98.3 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 18.797 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0328WBSD02

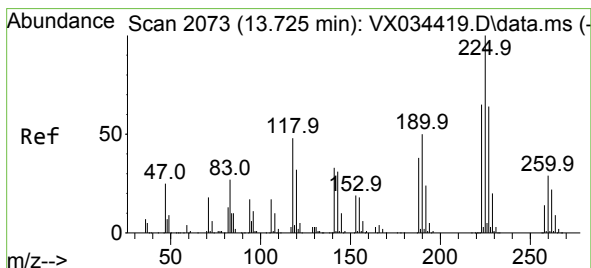
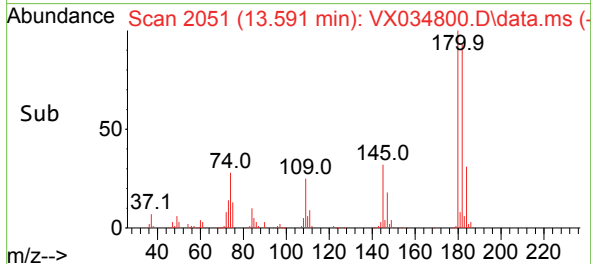
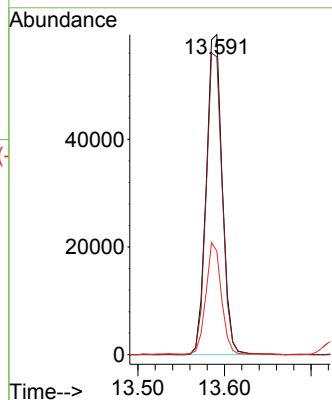
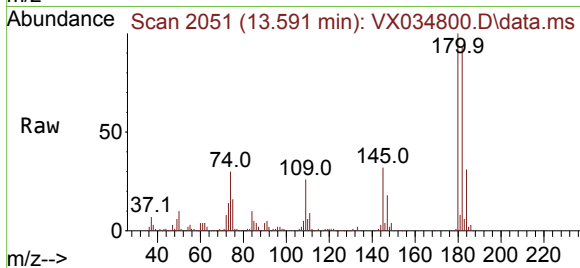
Tgt Ion:180 Resp: 76321

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.0

145 34.6 15.9 47.7



#94

Hexachlorobutadiene

Concen: 18.257 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034800.D

Acq: 28 Mar 2023 17:59

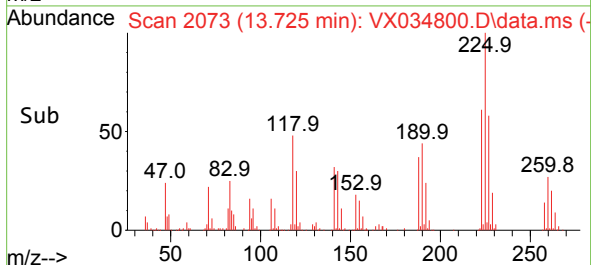
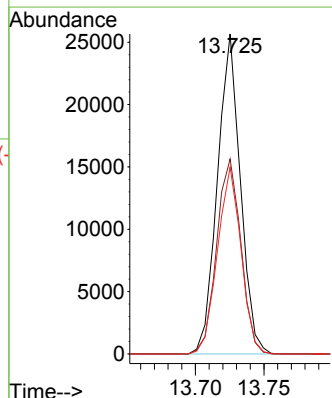
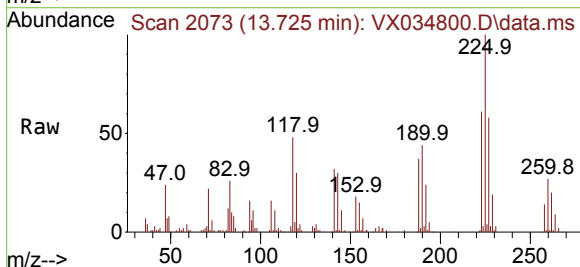
Tgt Ion:225 Resp: 29864

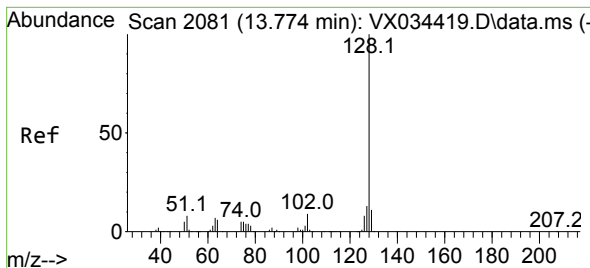
Ion Ratio Lower Upper

225 100

223 64.3 32.1 96.5

227 59.9 31.8 95.4

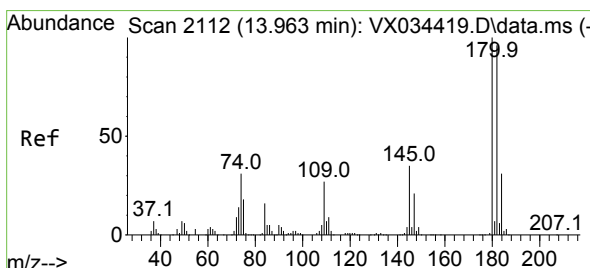
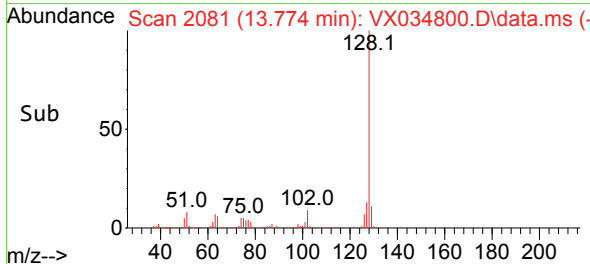
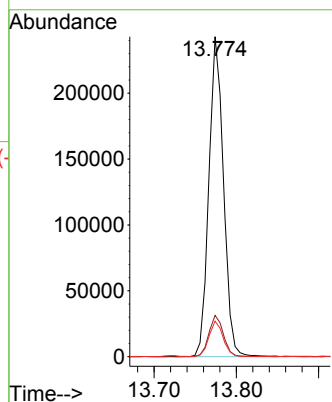
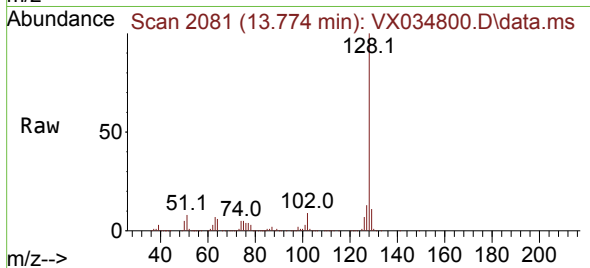




#95  
Naphthalene  
Concen: 22.048 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0328WBSD02

Tgt Ion:128 Resp: 300188  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.2 15.4  
129 10.8 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 19.909 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX034800.D  
Acq: 28 Mar 2023 17:59

Tgt Ion:180 Resp: 79015  
Ion Ratio Lower Upper  
180 100  
182 93.7 48.0 144.2  
145 34.7 17.7 53.1

