

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022123\  
 Data File : VX034214.D  
 Acq On : 21 Feb 2023 17:04  
 Operator : JC/MD  
 Sample : 01627-08  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2023

Quant Time: Feb 22 03:02:38 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 22 02:40:46 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 02/22/2023  
 Supervised By : Mahesh Dadoda 02/22/2023

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 5.556          | 168  | 309674     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763          | 114  | 512487     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 456289     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 215468     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958          | 65   | 188770     | 45.262   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = | 90.520%  |        |          |
| 35) Dibromofluoromethane     | 5.385          | 113  | 161197     | 48.309   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 96.620%  |        |          |
| 50) Toluene-d8               | 8.647          | 98   | 599342     | 50.028   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = | 100.060% |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 214300     | 46.765   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 93.520%  |        |          |
| Target Compounds             |                |      |            |          |        |          |
|                              |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 12872      | 4.810    | ug/l   | 98       |
| 3) Chloromethane             | 1.300          | 50   | 19564      | 5.081    | ug/l   | 100      |
| 4) Vinyl Chloride            | 1.374          | 62   | 20636      | 5.884    | ug/l   | 98       |
| 5) Bromomethane              | 1.599          | 94   | 10031      | 7.208    | ug/l   | 96       |
| 6) Chloroethane              | 1.684          | 64   | 11369      | 6.448    | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 1.886          | 101  | 28829      | 6.076    | ug/l   | 95       |
| 8) Diethyl Ether             | 2.136          | 74   | 11356      | 5.941    | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325          | 101  | 15721      | 4.705    | ug/l   | 97       |
| 10) Methyl Iodide            | 2.453          | 142  | 16633      | 4.088    | ug/l   | 94       |
| 11) Tert butyl alcohol       | 2.959          | 59   | 28216      | 30.249   | ug/l # | 87       |
| 12) 1,1-Dichloroethene       | 2.318          | 96   | 16130      | 4.816    | ug/l   | 91       |
| 13) Acrolein                 | 2.239          | 56   | 11323      | 26.592   | ug/l   | 95       |
| 14) Allyl chloride           | 2.666          | 41   | 31410      | 4.421    | ug/l   | 90       |
| 15) Acrylonitrile            | 3.068          | 53   | 51594      | 25.354   | ug/l   | 98       |
| 16) Acetone                  | 2.379          | 43   | 45106      | 20.966   | ug/l # | 89       |
| 17) Carbon Disulfide         | 2.514          | 76   | 43314      | 4.498    | ug/l   | 99       |
| 18) Methyl Acetate           | 2.703          | 43   | 29387      | 4.414    | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 3.117          | 73   | 58473      | 4.946    | ug/l   | 96       |
| 20) Methylene Chloride       | 2.788          | 84   | 19418      | 5.009    | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 3.093          | 96   | 16750      | 4.772    | ug/l   | 93       |
| 22) Diisopropyl ether        | 3.757          | 45   | 63918      | 5.131    | ug/l # | 77       |
| 23) Vinyl Acetate            | 3.721          | 43   | 256933     | 25.746   | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.611          | 63   | 32821      | 4.800    | ug/l   | 98       |
| 25) 2-Butanone               | 4.562          | 43   | 72435      | 23.269   | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 4.477          | 77   | 27312      | 4.409    | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.495          | 96   | 20554      | 4.945    | ug/l   | 96       |
| 28) Bromochloromethane       | 4.903          | 49   | 15178m     | 4.976    | ug/l   |          |
| 29) Tetrahydrofuran          | 5.007          | 42   | 47474      | 25.000   | ug/l   | 99       |
| 30) Chloroform               | 5.098          | 83   | 32146      | 4.896    | ug/l   | 99       |
| 31) Cyclohexane              | 5.470          | 56   | 30662      | 4.924    | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 5.385          | 97   | 28270      | 4.803    | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.696          | 75   | 23520      | 4.766    | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.721          | 43   | 27832      | 5.047    | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 5.684          | 117  | 24700      | 4.864    | ug/l   | 94       |
| 39) Methylcyclohexane        | 7.385          | 83   | 30123      | 4.743    | ug/l   | 92       |
| 40) Benzene                  | 6.043          | 78   | 72600      | 4.964    | ug/l   | 98       |

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 Acq On : 21 Feb 2023 17:04  
 Operator : JC/MD  
 Sample : 01627-08  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2023

Quant Time: Feb 22 03:02:38 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 22 02:40:46 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 02/22/2023  
 Supervised By : Mahesh Dadoda 02/22/2023

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 15599m   | 5.077   | ug/l   |          |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 24644    | 4.791   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 46241    | 4.751   | ug/l   | 99       |
| 44) Trichloroethene           | 7.129  | 130  | 18902    | 5.037   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 19152    | 4.920   | ug/l   | 98       |
| 46) Dibromomethane            | 7.586  | 93   | 13088    | 5.108   | ug/l   | 88       |
| 47) Bromodichloromethane      | 7.824  | 83   | 24996    | 4.754   | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.696  | 41   | 21665    | 4.690   | ug/l   | 96       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 9373     | 101.730 | ug/l # | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 143311   | 26.765  | ug/l   | 99       |
| 52) Toluene                   | 8.720  | 92   | 46167    | 5.210   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 27521    | 4.547   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 29770    | 4.595   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 18135    | 5.070   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 29565    | 4.886   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 31307    | 5.031   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 68097    | 25.981  | ug/l   | 95       |
| 59) 2-Hexanone                | 9.433  | 43   | 104985   | 25.727  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.518  | 129  | 18289    | 4.628   | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 19452    | 5.142   | ug/l   | 97       |
| 64) Tetrachloroethene         | 9.275  | 164  | 16577    | 5.148   | ug/l   | 93       |
| 65) Chlorobenzene             | 10.079 | 112  | 47929    | 5.039   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 17598    | 4.779   | ug/l   | 96       |
| 67) Ethyl Benzene             | 10.195 | 91   | 84552    | 4.948   | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.305 | 106  | 66658    | 10.194  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 33234    | 5.105   | ug/l   | 100      |
| 70) Styrene                   | 10.658 | 104  | 52590    | 4.967   | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 13429    | 4.468   | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 82611    | 5.031   | ug/l   | 100      |
| 74) N-amyl acetate            | 10.841 | 43   | 38648    | 4.685   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 28104    | 5.004   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 25211m   | 4.650   | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 20826    | 5.270   | ug/l   | 92       |
| 78) n-propylbenzene           | 11.305 | 91   | 92624    | 4.850   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 56170    | 4.796   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 68703    | 4.976   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 8389     | 3.975   | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 63216    | 4.739   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 71561    | 5.061   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 66973    | 4.798   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 84887    | 4.943   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 70337    | 4.949   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 37512    | 5.061   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 38012    | 5.085   | ug/l   | 93       |
| 89) n-Butylbenzene            | 12.335 | 91   | 56953    | 4.500   | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 13670    | 4.601   | ug/l   | 80       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 37753    | 5.206   | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 5424     | 4.050   | ug/l   | 85       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 21773    | 4.677   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 8984     | 4.655   | ug/l   | 97       |
| 95) Naphthalene               | 13.774 | 128  | 73835    | 4.708   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 22317    | 4.829   | ug/l   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022123\  
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Operator : JC/MD  
Sample : 01627-08  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

Manual Integrations  
APPROVED

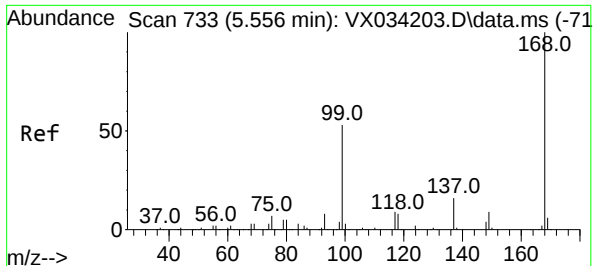
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023

Quant Time: Feb 22 03:02:38 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 22 02:40:46 2023  
Response via : Initial Calibration

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

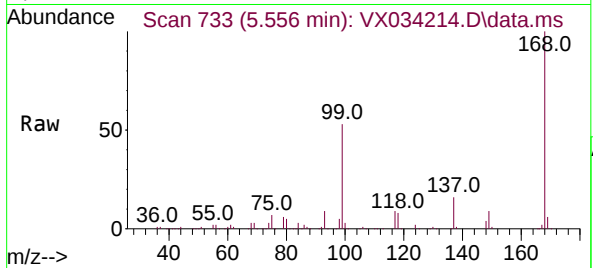
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

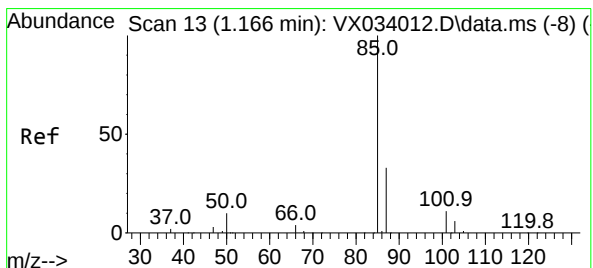
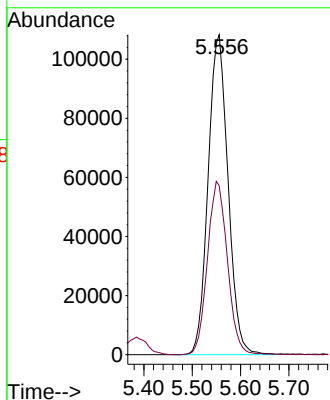
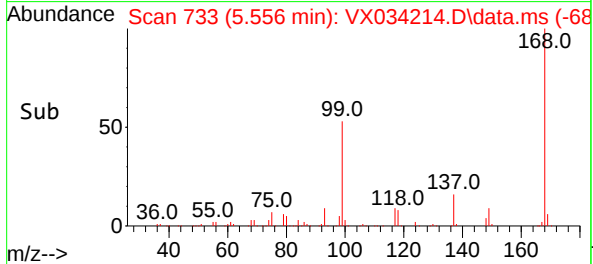
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023



Tgt Ion:168 Resp: 309674  
Ion Ratio Lower Upper  
168 100  
99 52.8 39.6 59.4

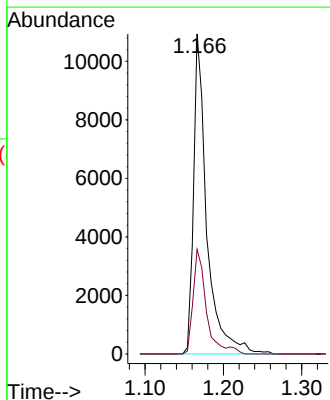
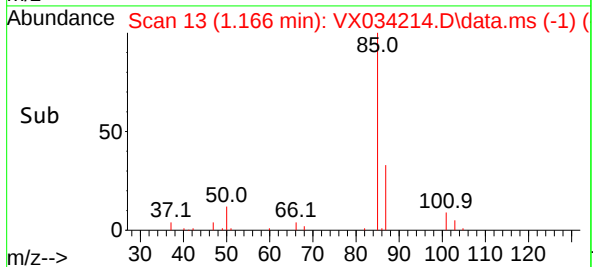
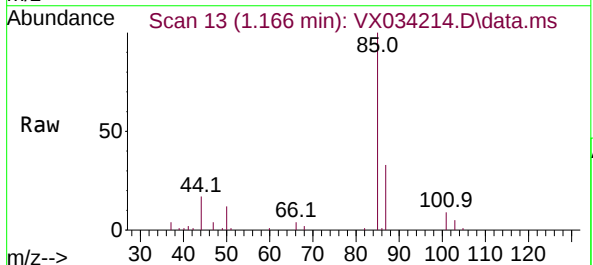
Manual Integrations  
APPROVED

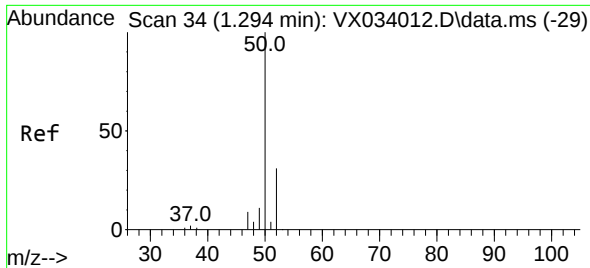
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#2  
Dichlorodifluoromethane  
Concen: 4.810 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Tgt Ion: 85 Resp: 12872  
Ion Ratio Lower Upper  
85 100  
87 32.6 15.8 47.4





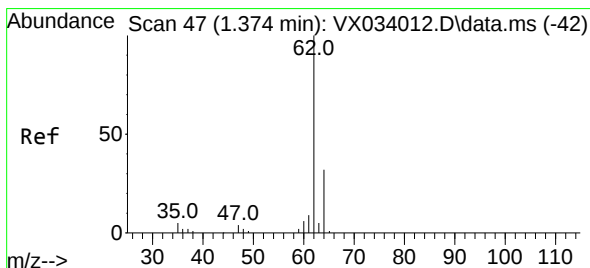
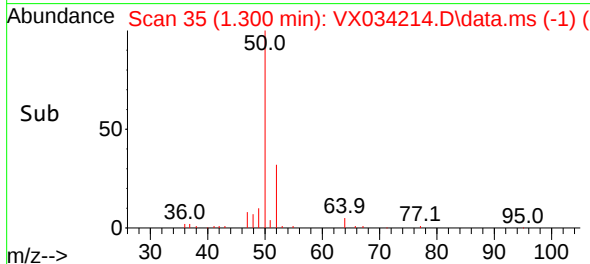
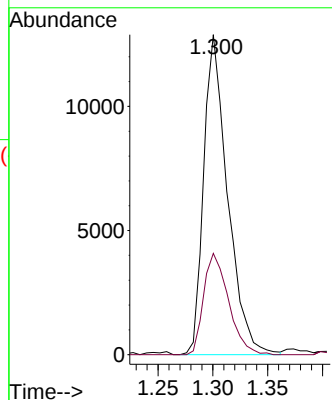
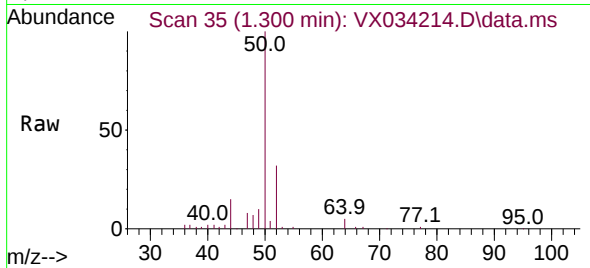
#3  
Chloromethane  
Concen: 5.081 ug/l  
RT: 1.300 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

Tgt Ion: 50 Resp: 1956  
Ion Ratio Lower Upper  
50 100  
52 31.6 25.2 37.8

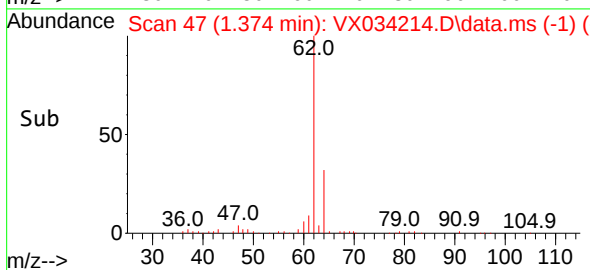
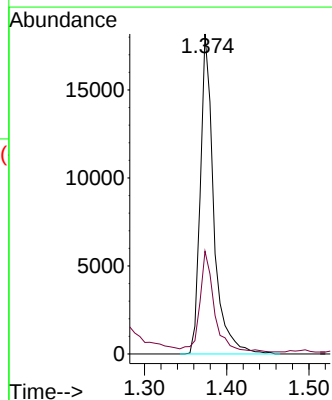
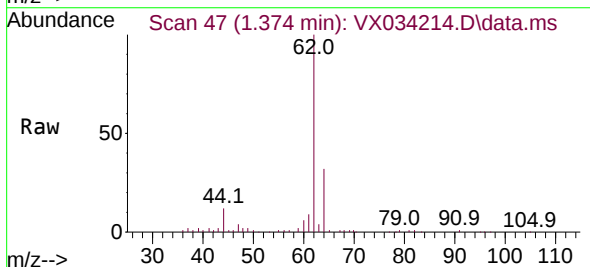
Manual Integrations  
APPROVED

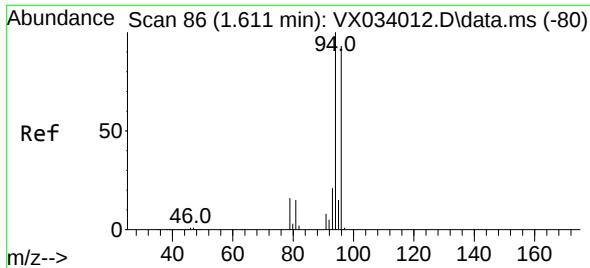
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#4  
Vinyl Chloride  
Concen: 5.884 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

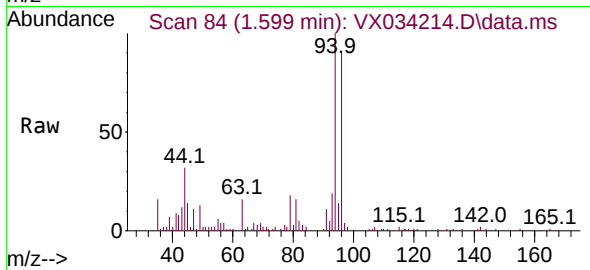
Tgt Ion: 62 Resp: 20636  
Ion Ratio Lower Upper  
62 100  
64 31.5 26.2 39.4





#5  
Bromomethane  
Concen: 7.208 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

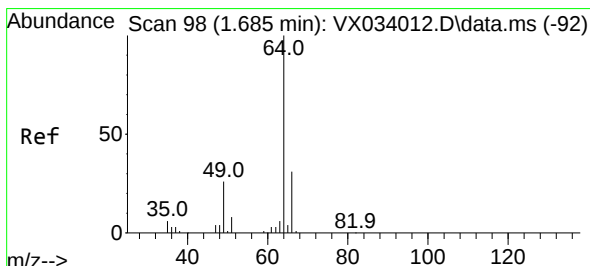
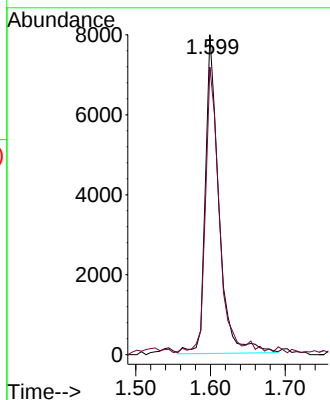
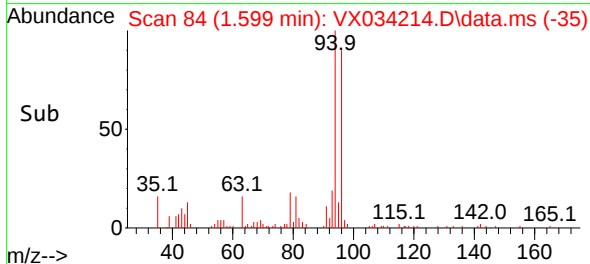
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023



Tgt Ion: 94 Resp: 1003  
Ion Ratio Lower Upper  
94 100  
96 89.5 74.3 111.5

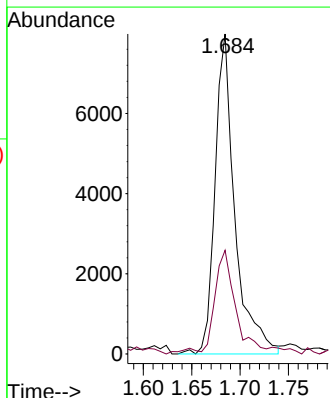
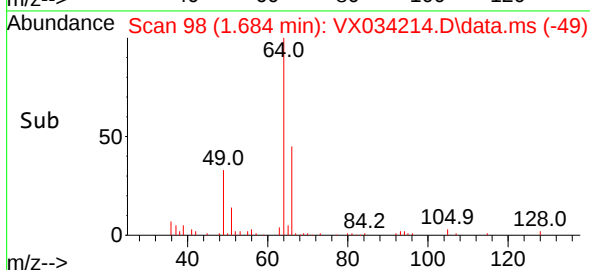
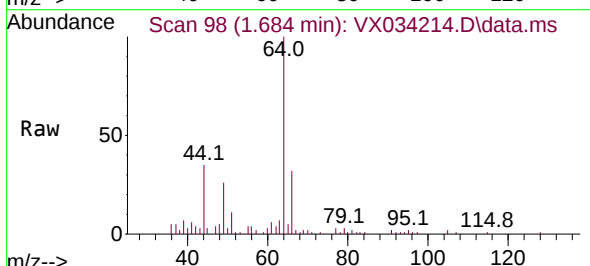
Manual Integrations  
APPROVED

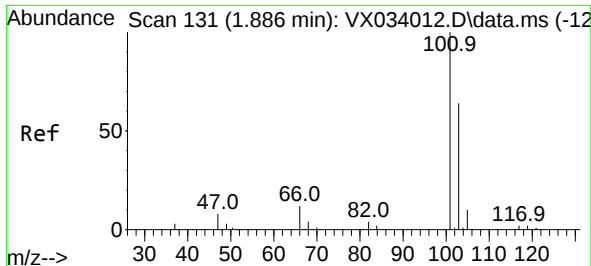
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#6  
Chloroethane  
Concen: 6.448 ug/l  
RT: 1.684 min Scan# 98  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

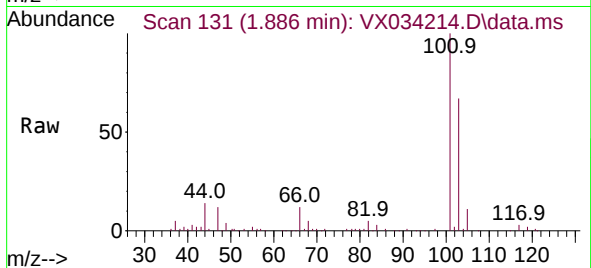
Tgt Ion: 64 Resp: 11369  
Ion Ratio Lower Upper  
64 100  
66 31.7 26.1 39.1





#7  
Trichlorofluoromethane  
Concen: 6.076 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

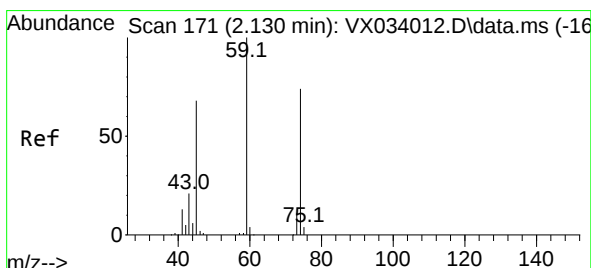
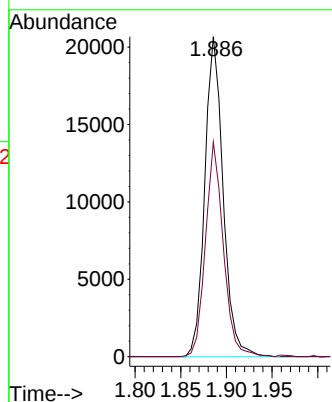
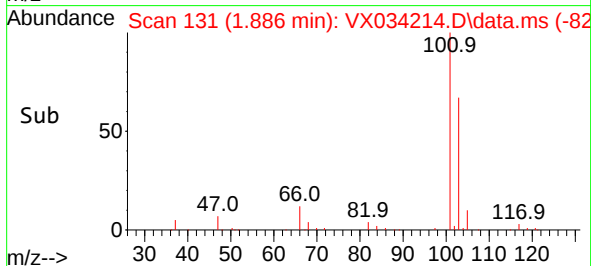
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023



Tgt Ion:101 Resp: 28829  
Ion Ratio Lower Upper  
101 100  
103 67.0 50.6 75.8

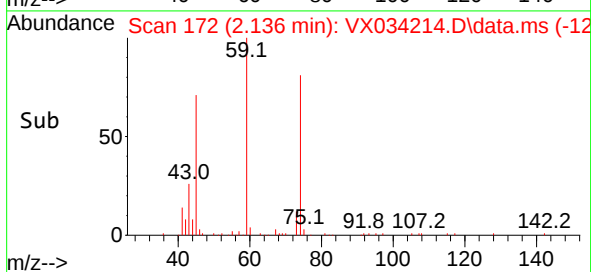
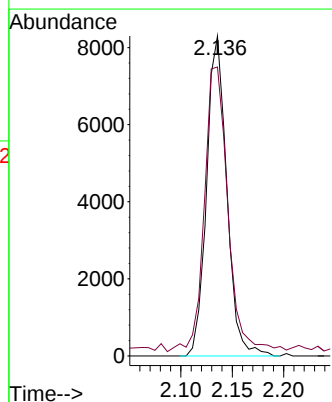
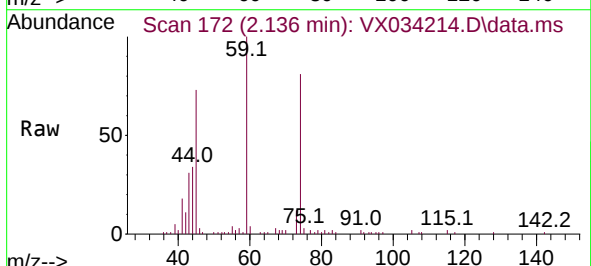
Manual Integrations  
APPROVED

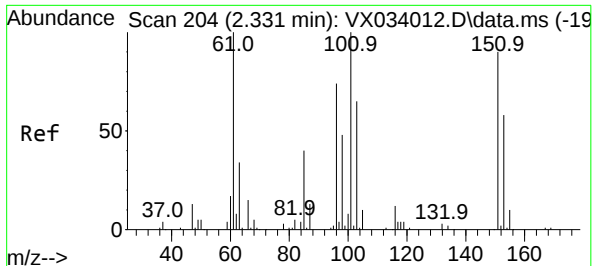
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#8  
Diethyl Ether  
Concen: 5.941 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.006 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Tgt Ion: 74 Resp: 11356  
Ion Ratio Lower Upper  
74 100  
45 103.5 51.5 154.5





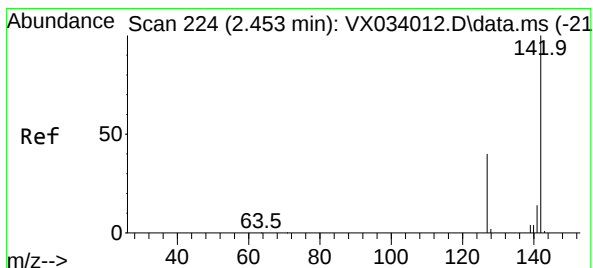
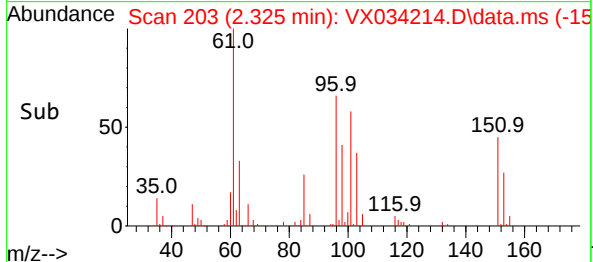
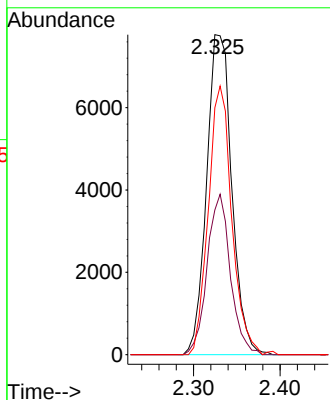
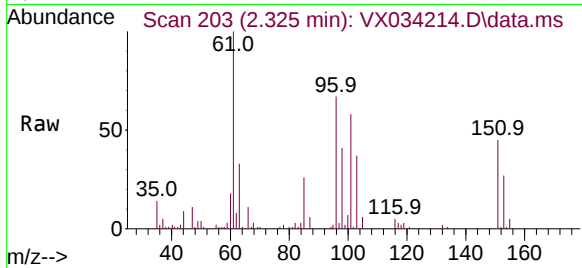
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 4.705 ug/l  
RT: 2.325 min Scan# 204  
Delta R.T. -0.006 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

Tgt Ion:101 Resp: 1572  
Ion Ratio Lower Upper  
101 100  
85 46.2 36.7 55.1  
151 78.5 66.5 99.7

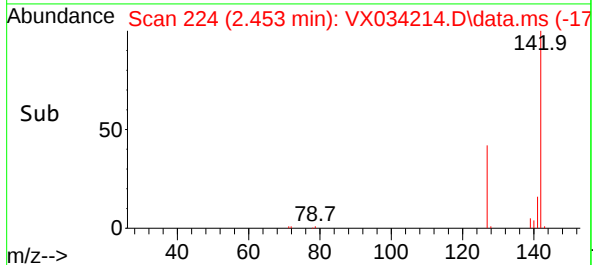
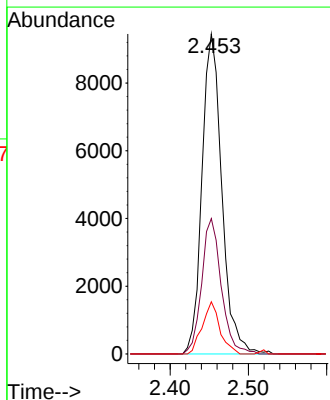
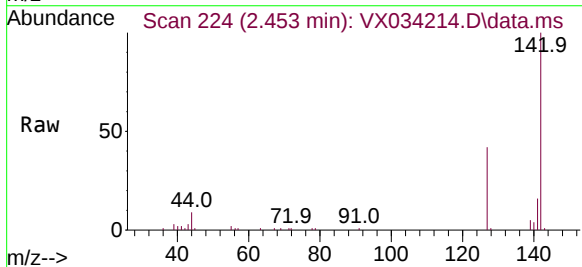
Manual Integrations  
APPROVED

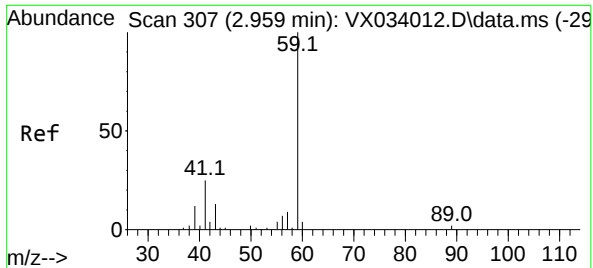
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#10  
Methyl Iodide  
Concen: 4.088 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

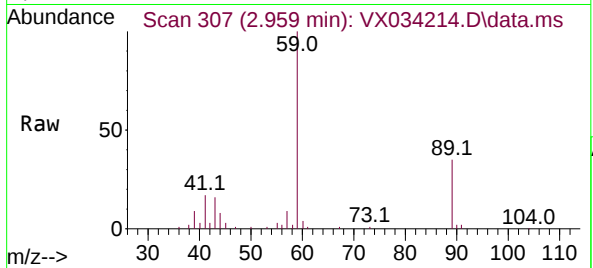
Tgt Ion:142 Resp: 16633  
Ion Ratio Lower Upper  
142 100  
127 41.8 37.3 55.9  
141 14.5 11.5 17.3





#11  
Tert butyl alcohol  
Concen: 30.249 ug/l  
RT: 2.959 min Scan# 307  
Delta R.T. 0.006 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

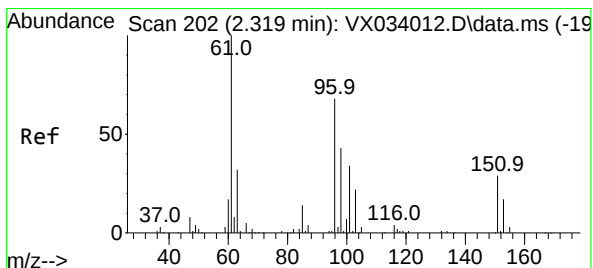
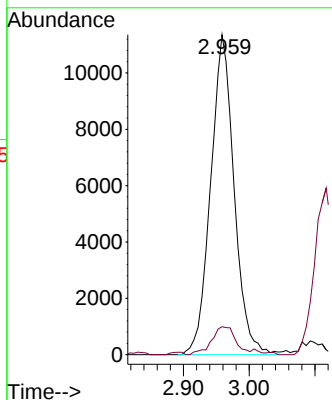
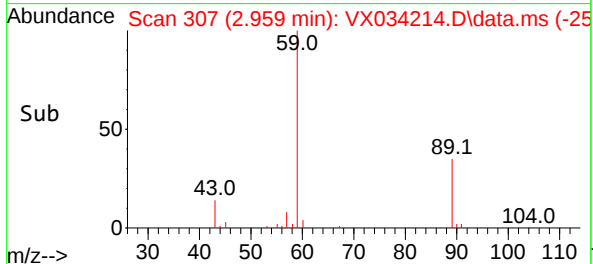
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023



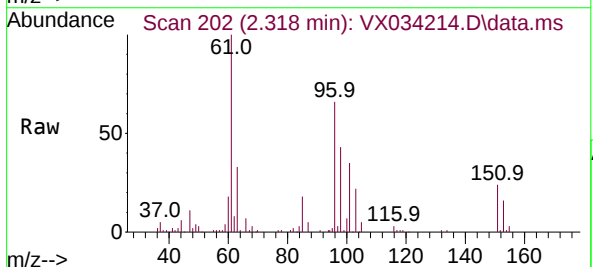
Tgt Ion: 59 Resp: 28210  
Ion Ratio Lower Upper  
59 100  
57 8.9 3.7 5.5

Manual Integrations  
APPROVED

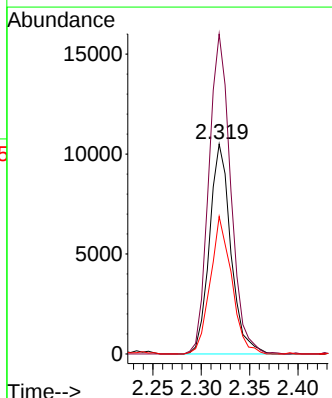
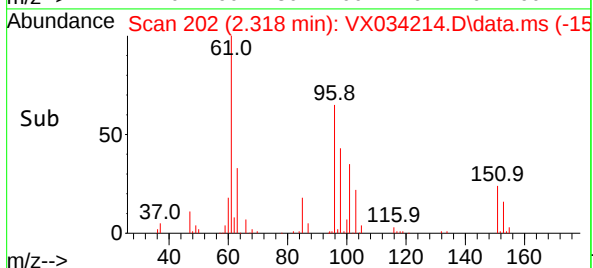
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023

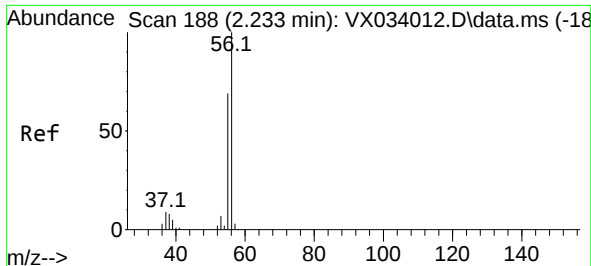


#12  
1,1-Dichloroethene  
Concen: 4.816 ug/l  
RT: 2.318 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04



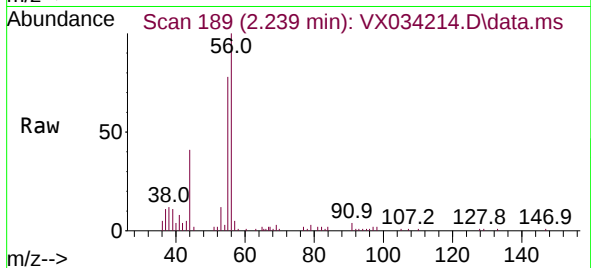
Tgt Ion: 96 Resp: 16130  
Ion Ratio Lower Upper  
96 100  
61 152.4 134.2 201.4  
98 65.5 50.2 75.2





#13  
Acrolein  
Concen: 26.592 ug/l  
RT: 2.239 min Scan# 188  
Delta R.T. 0.006 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

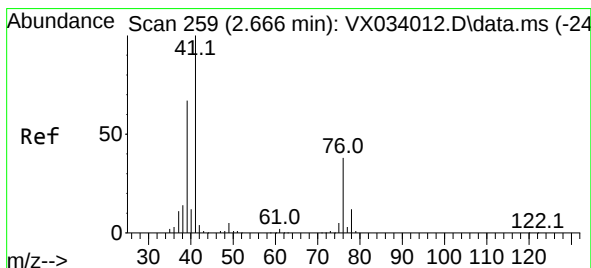
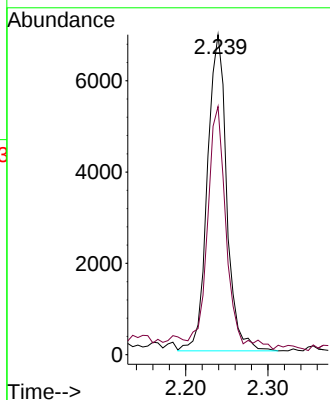
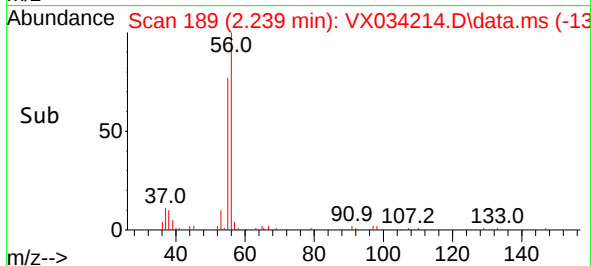
Instrument : MSVOA\_X  
ClientSampleId : LOQ-WATER-02-QT1-2023



Tgt Ion: 56 Resp: 1132  
Ion Ratio Lower Upper  
56 100  
55 74.3 56.3 84.5

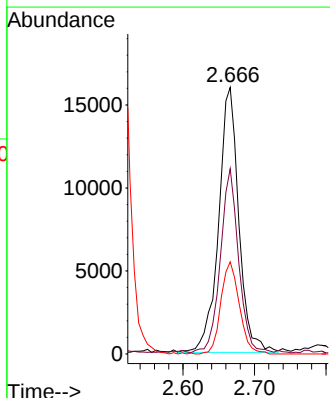
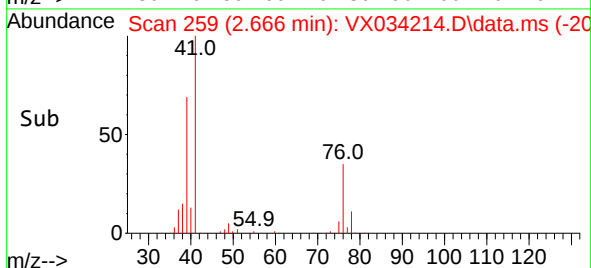
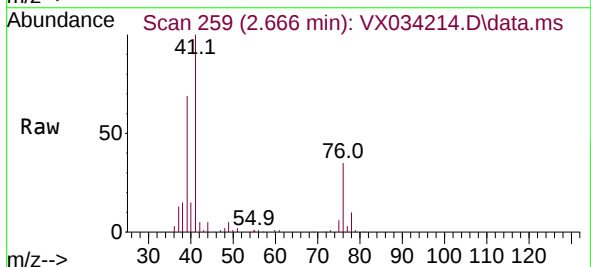
Manual Integrations  
APPROVED

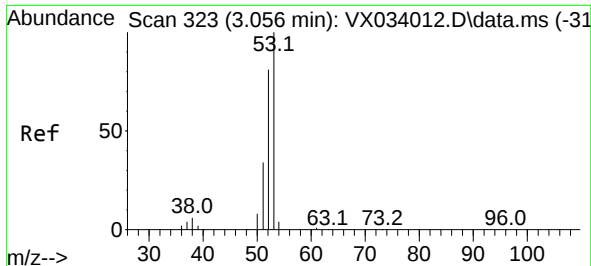
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#14  
Allyl chloride  
Concen: 4.421 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.006 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Tgt Ion: 41 Resp: 31410  
Ion Ratio Lower Upper  
41 100  
39 62.4 59.0 88.4  
76 31.6 24.6 37.0





#15

Acrylonitrile

Concen: 25.354 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

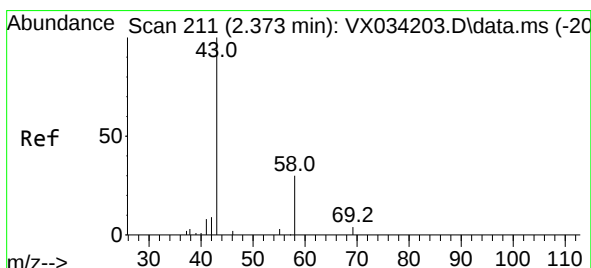
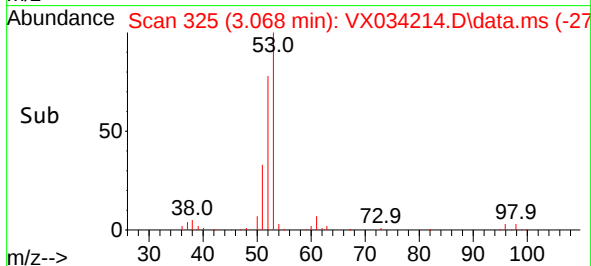
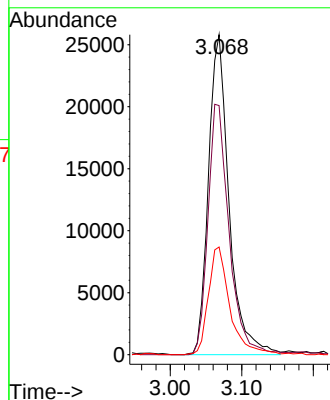
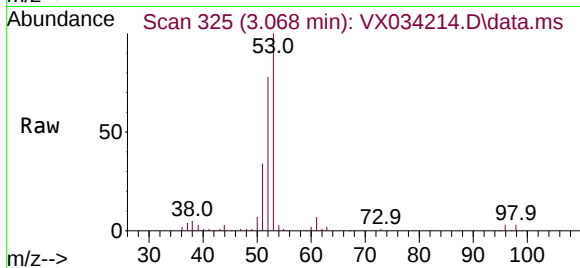
|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 51594 |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 80.7     | 65.7 98.5   |
| 51 35.2     | 29.0 43.4   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#16

Acetone

Concen: 20.966 ug/l

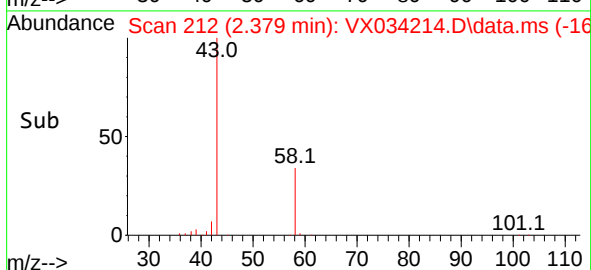
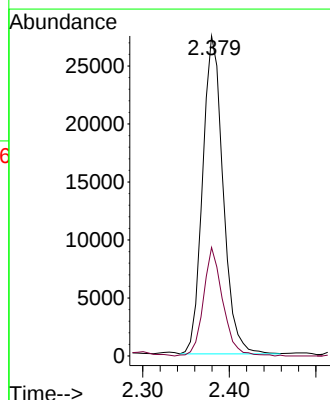
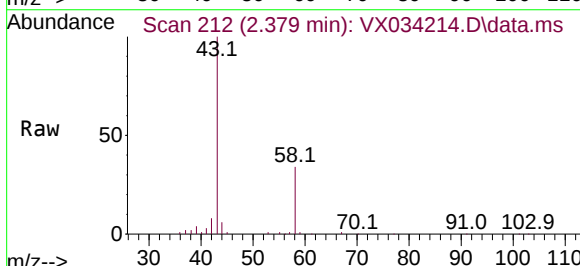
RT: 2.379 min Scan# 212

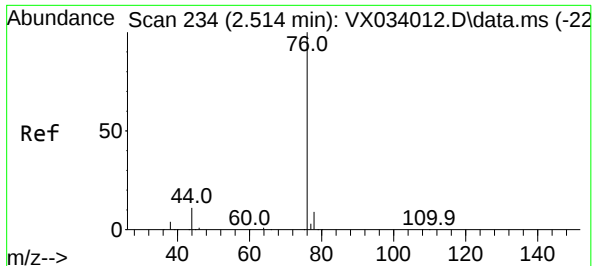
Delta R.T. 0.006 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

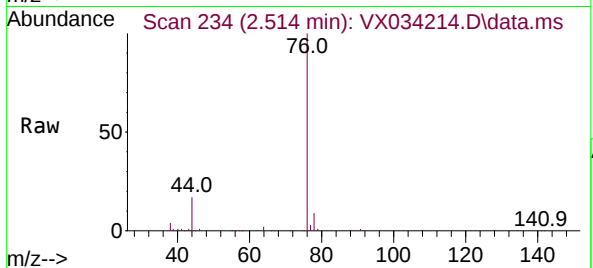
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 45106 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 33.9     | 22.6 33.8#  |





#17  
Carbon Disulfide  
Concen: 4.498 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

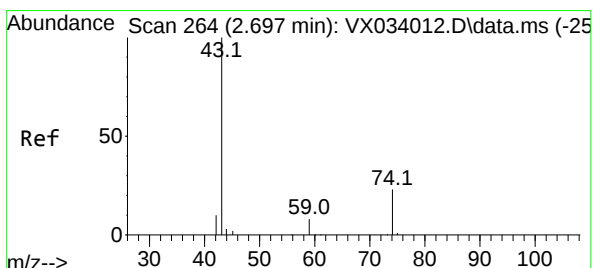
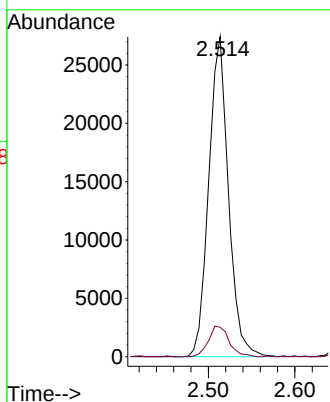
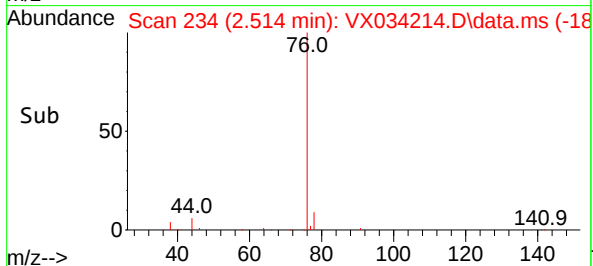
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023



Tgt Ion: 76 Resp: 43314  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.0 10.6

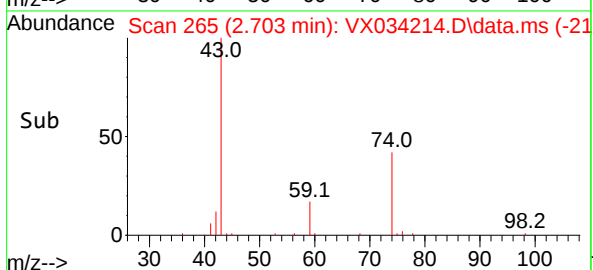
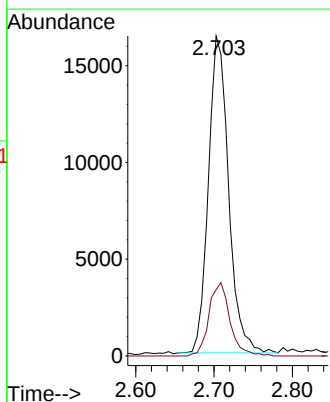
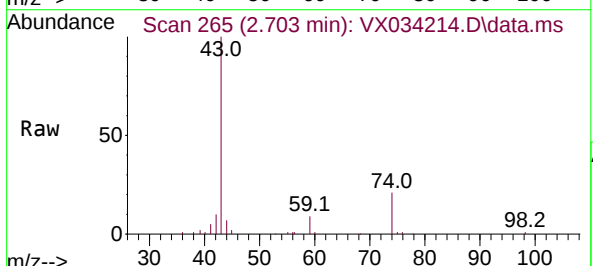
Manual Integrations  
APPROVED

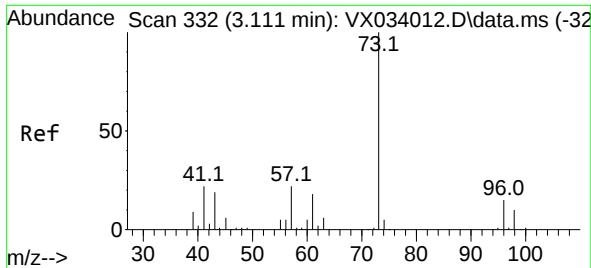
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#18  
Methyl Acetate  
Concen: 4.414 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.006 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Tgt Ion: 43 Resp: 29387  
Ion Ratio Lower Upper  
43 100  
74 24.1 18.2 27.4





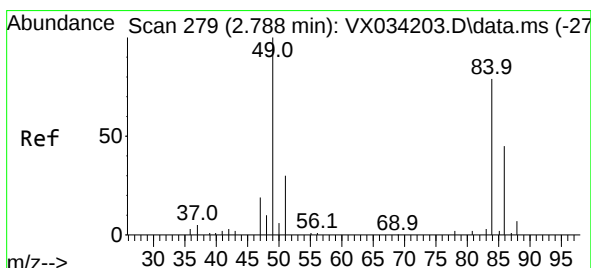
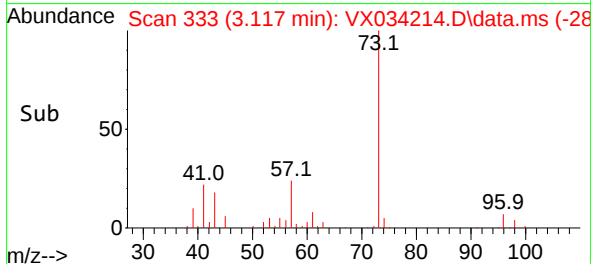
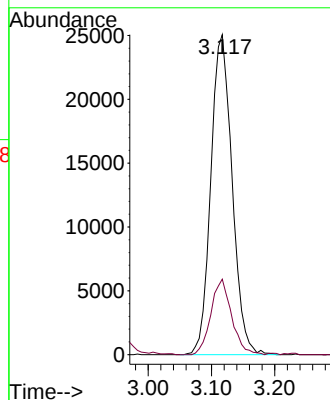
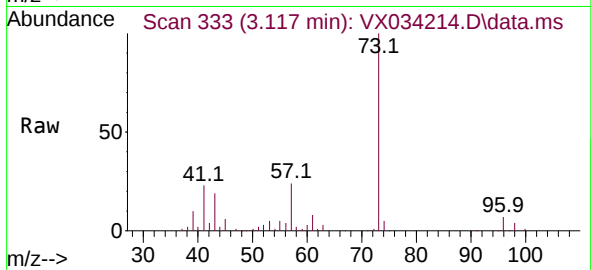
#19  
Methyl tert-butyl Ether  
Concen: 4.946 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

Tgt Ion: 73 Resp: 5847  
Ion Ratio Lower Upper  
73 100  
57 23.6 17.4 26.0

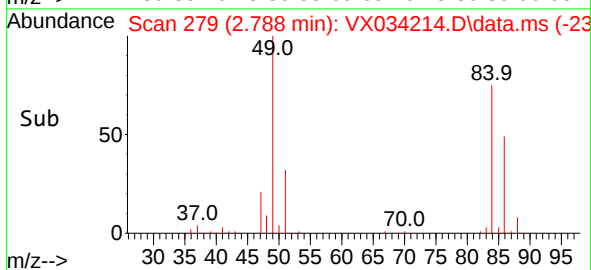
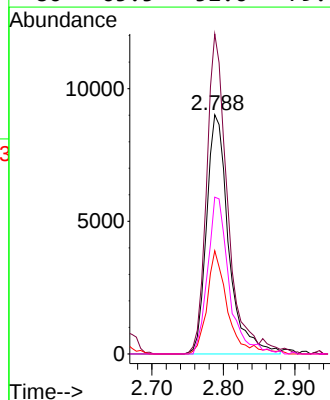
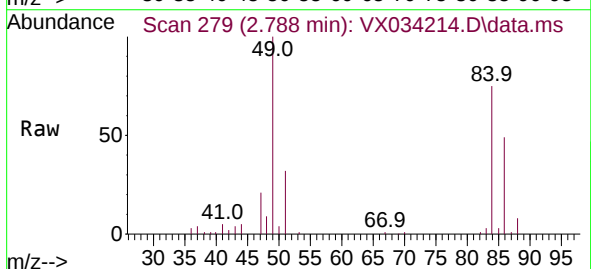
Manual Integrations  
APPROVED

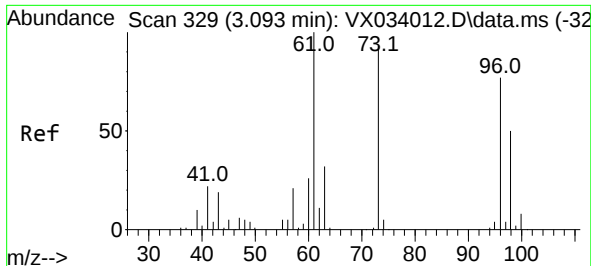
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#20  
Methylene Chloride  
Concen: 5.009 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

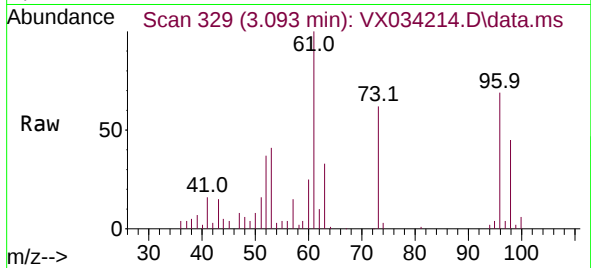
Tgt Ion: 84 Resp: 19418  
Ion Ratio Lower Upper  
84 100  
49 133.8 101.1 151.7  
51 43.1 31.0 46.6  
86 65.5 52.6 79.0





#21  
trans-1,2-Dichloroethene  
Concen: 4.772 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

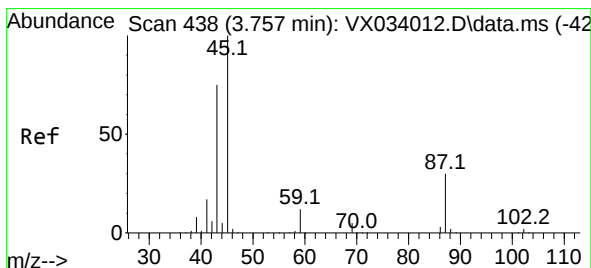
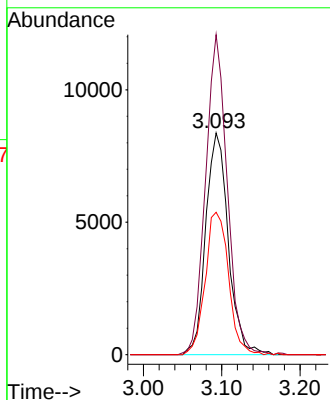
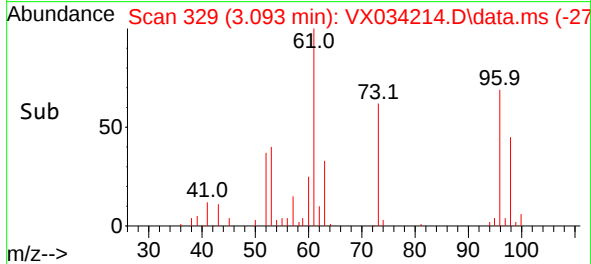
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023



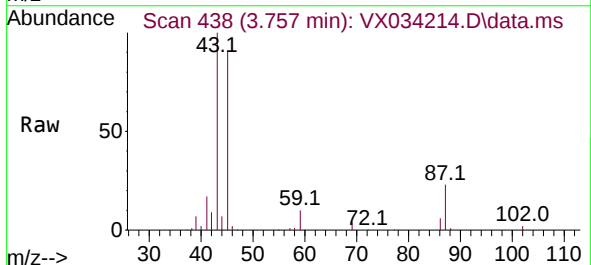
Tgt Ion: 96 Resp: 16750  
Ion Ratio Lower Upper  
96 100  
61 144.3 106.7 160.1  
98 64.2 50.0 75.0

Manual Integrations  
APPROVED

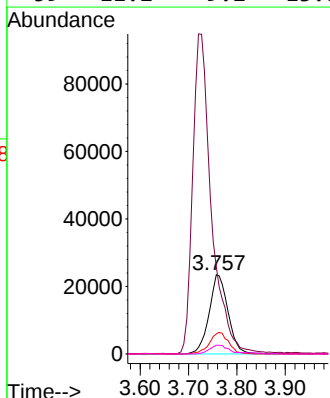
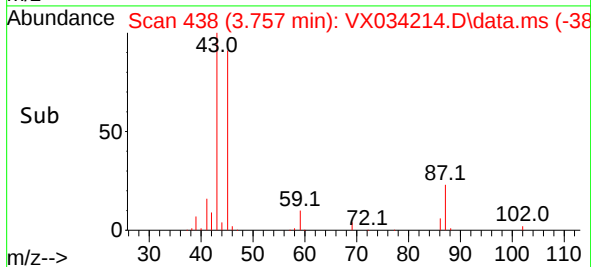
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#22  
Diisopropyl ether  
Concen: 5.131 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04



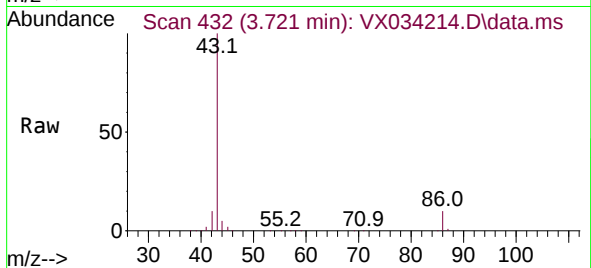
Tgt Ion: 45 Resp: 63918  
Ion Ratio Lower Upper  
45 100  
43 109.4 64.6 97.0#  
87 25.2 21.9 32.9  
59 11.2 9.2 13.8





#23  
 Vinyl Acetate  
 Concen: 25.746 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VX034214.D  
 Acq: 21 Feb 2023 17:04

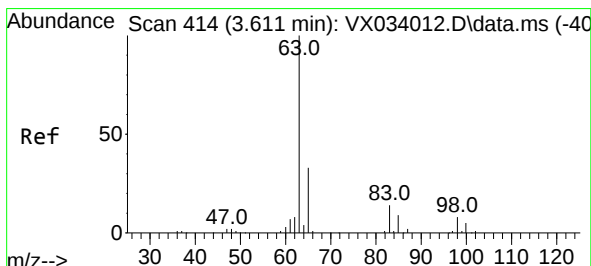
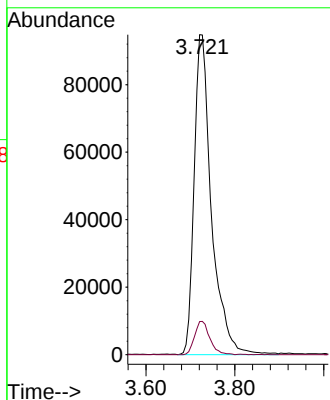
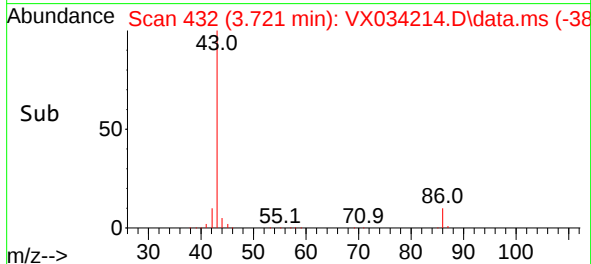
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2023



Tgt Ion: 43 Resp: 25693  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 8.4 12.6

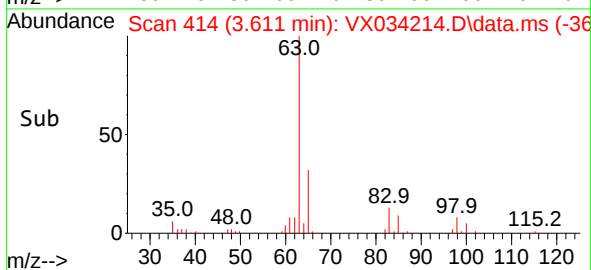
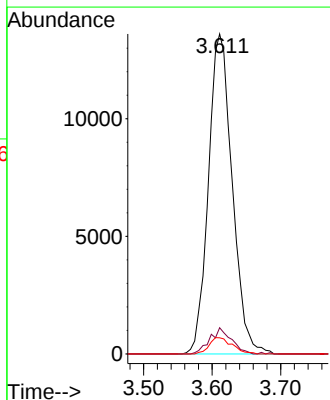
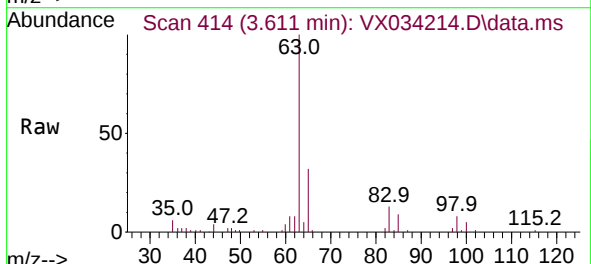
Manual Integrations  
 APPROVED

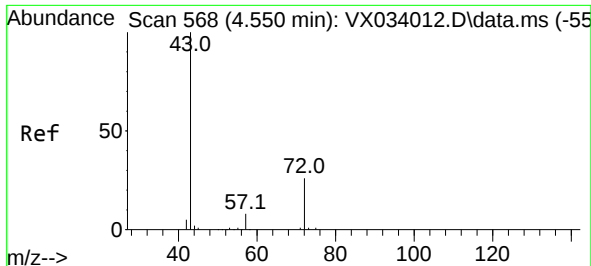
Reviewed By :John Carlone 02/22/2023  
 Supervised By :Mahesh Dadoda 02/22/2023



#24  
 1,1-Dichloroethane  
 Concen: 4.800 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.006 min  
 Lab File: VX034214.D  
 Acq: 21 Feb 2023 17:04

Tgt Ion: 63 Resp: 32821  
 Ion Ratio Lower Upper  
 63 100  
 98 8.2 3.8 11.2  
 100 5.0 2.4 7.2





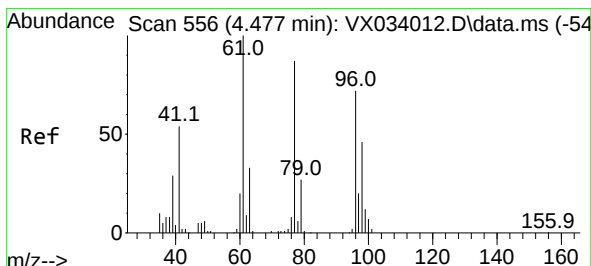
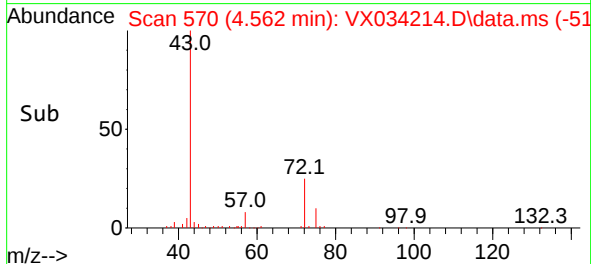
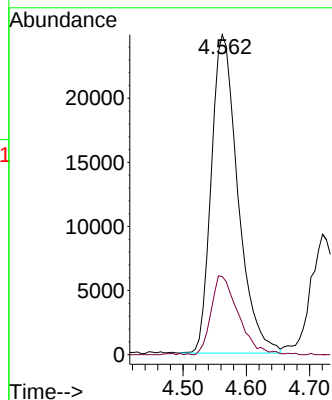
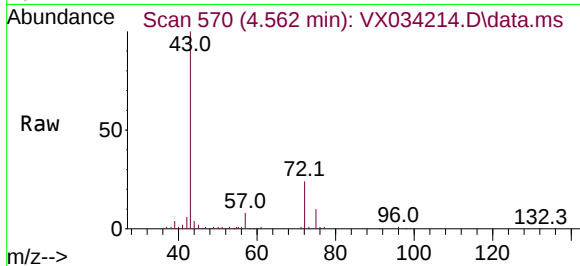
#25  
2-Butanone  
Concen: 23.269 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

Tgt Ion: 43 Resp: 7243  
Ion Ratio Lower Upper  
43 100  
72 24.2 19.4 29.2

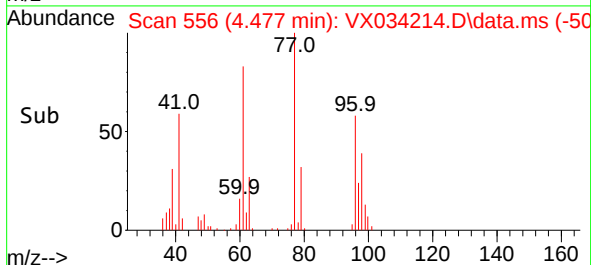
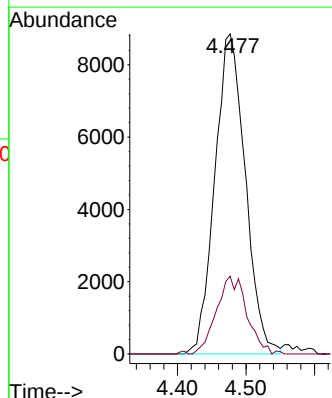
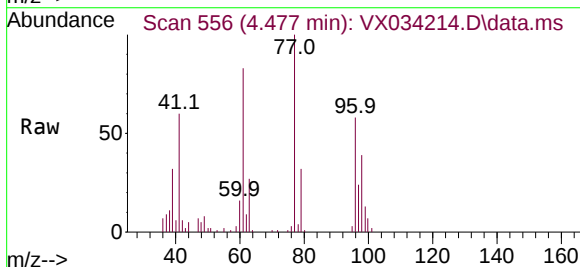
Manual Integrations  
APPROVED

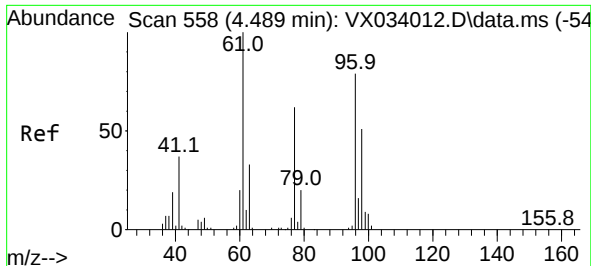
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#26  
2,2-Dichloropropane  
Concen: 4.409 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.006 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Tgt Ion: 77 Resp: 27312  
Ion Ratio Lower Upper  
77 100  
97 24.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 4.945 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

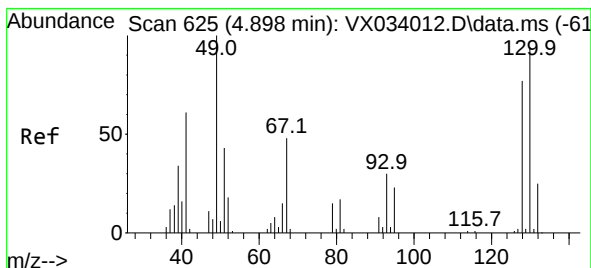
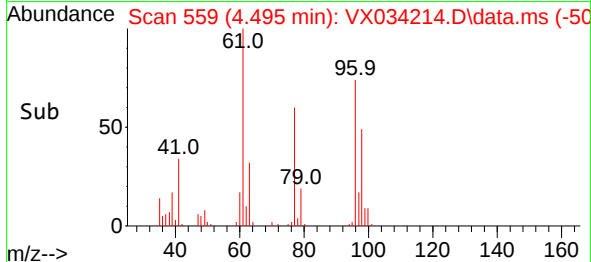
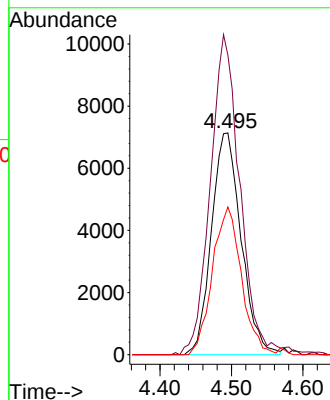
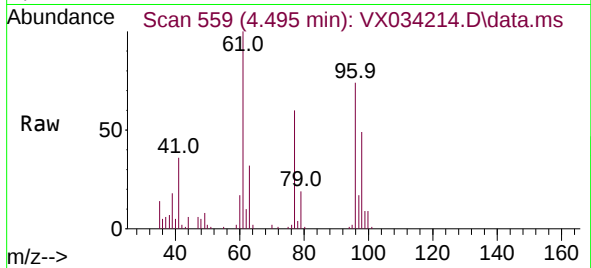
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 20554 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 145.4    | 0.0 277.6   |
| 98 65.0     | 0.0 128.0   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#28

Bromochloromethane

Concen: 4.976 ug/l m

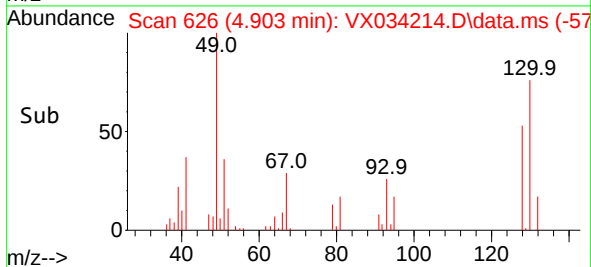
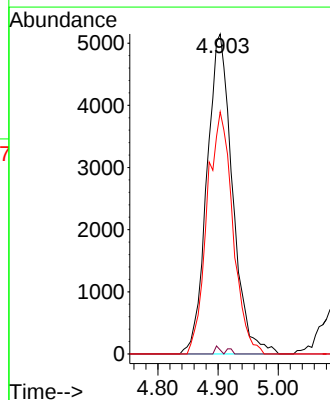
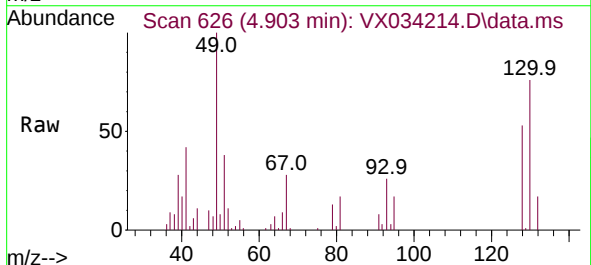
RT: 4.903 min Scan# 626

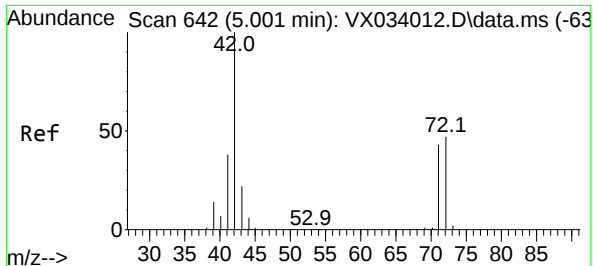
Delta R.T. 0.012 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

|             |             |
|-------------|-------------|
| Tgt Ion: 49 | Resp: 15178 |
| Ion Ratio   | Lower Upper |
| 49 100      |             |
| 129 0.5     | 0.0 4.6     |
| 130 76.3    | 68.5 102.7  |





#29

Tetrahydrofuran

Concen: 25.000 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 42 Resp: 47474

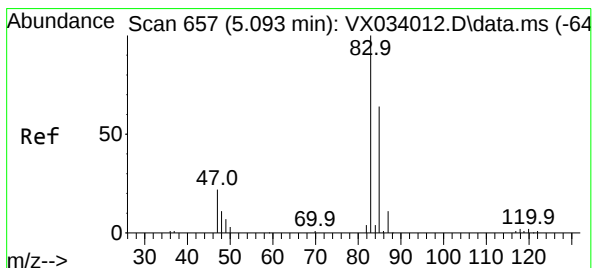
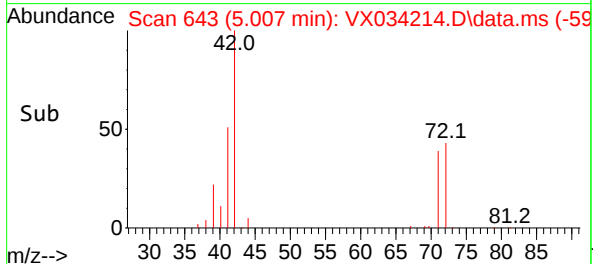
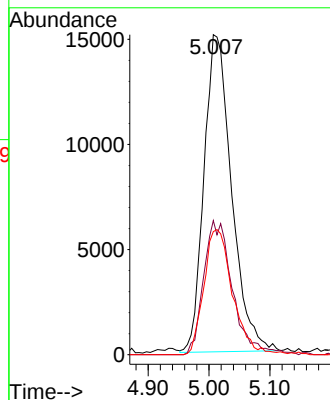
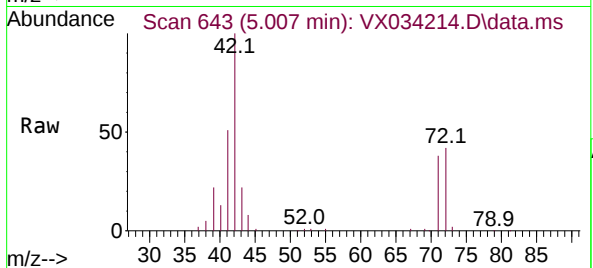
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 44.2  | 34.8  | 52.2  |
| 71  | 41.1  | 32.2  | 48.2  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#30

Chloroform

Concen: 4.896 ug/l

RT: 5.098 min Scan# 658

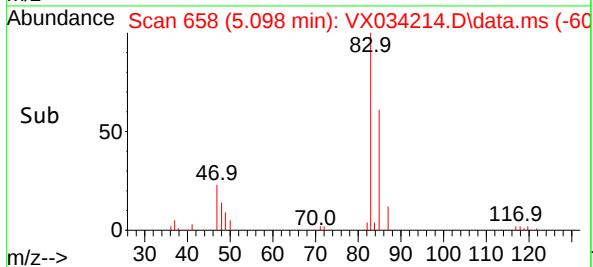
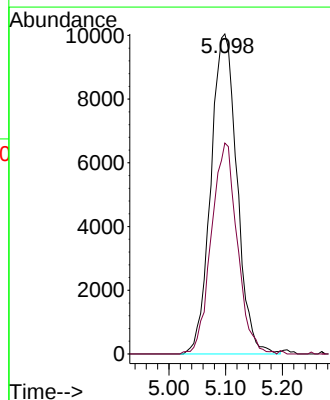
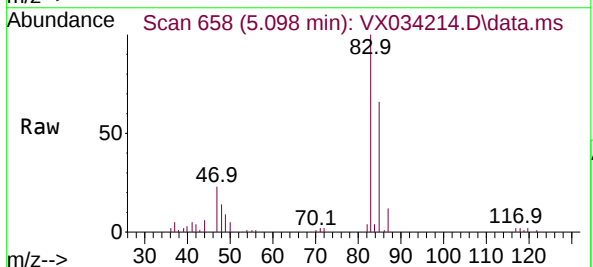
Delta R.T. 0.006 min

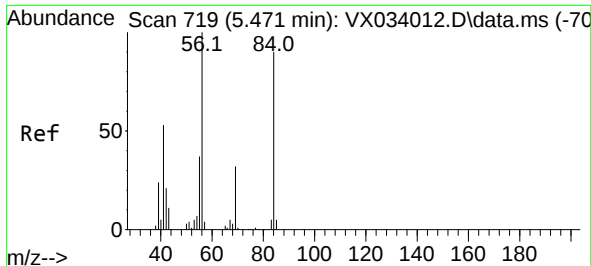
Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Tgt Ion: 83 Resp: 32146

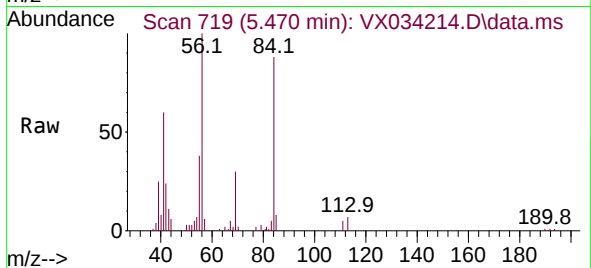
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.9  | 52.1  | 78.1  |





#31  
Cyclohexane  
Concen: 4.924 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

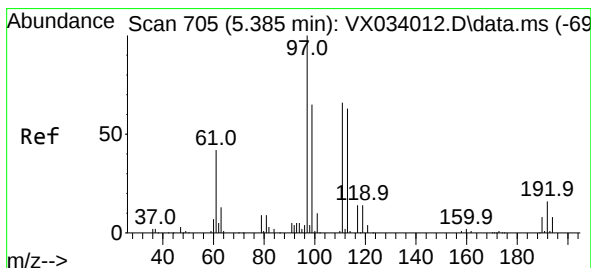
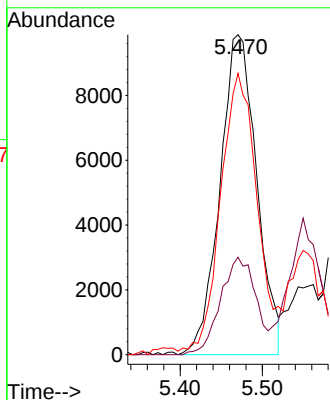
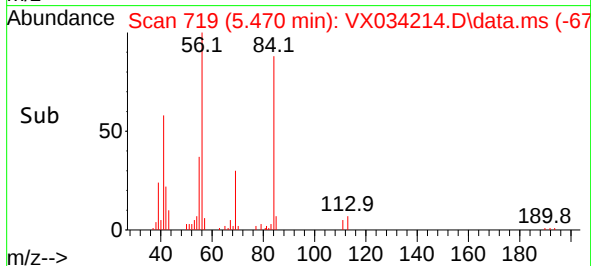
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023



Tgt Ion: 56 Resp: 30662  
Ion Ratio Lower Upper  
56 100  
69 30.5 24.6 37.0  
84 86.8 71.0 106.6

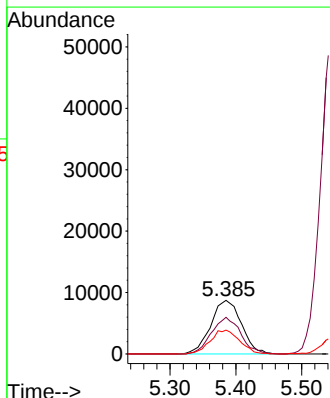
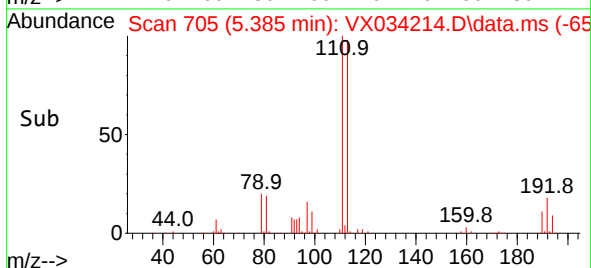
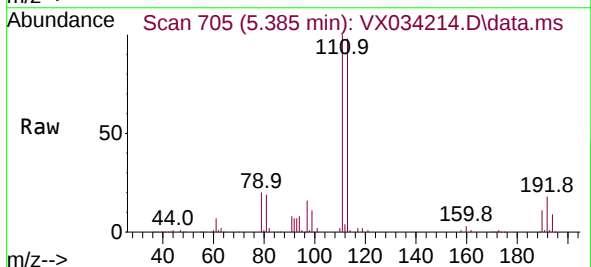
Manual Integrations  
APPROVED

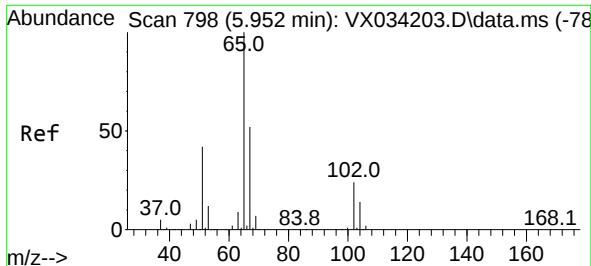
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#32  
1,1,1-Trichloroethane  
Concen: 4.803 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Tgt Ion: 97 Resp: 28270  
Ion Ratio Lower Upper  
97 100  
99 65.1 52.3 78.5  
61 42.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.262 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 65 Resp: 188770

Ion Ratio Lower Upper

65 100

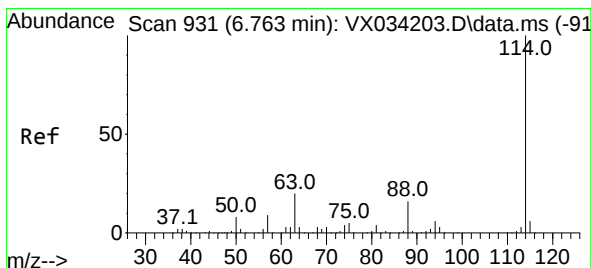
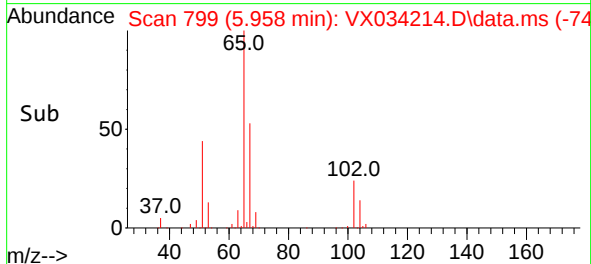
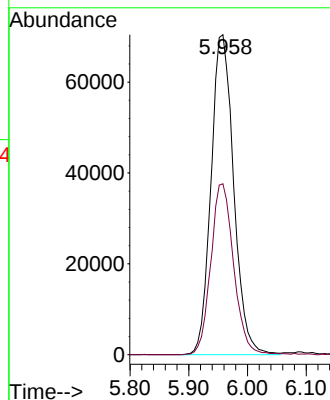
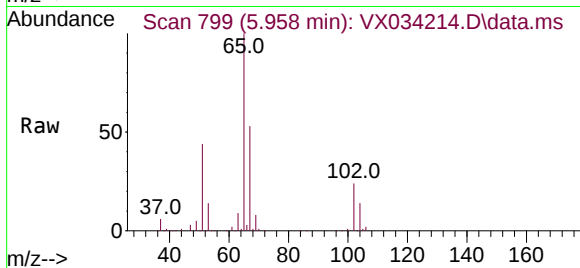
67 53.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

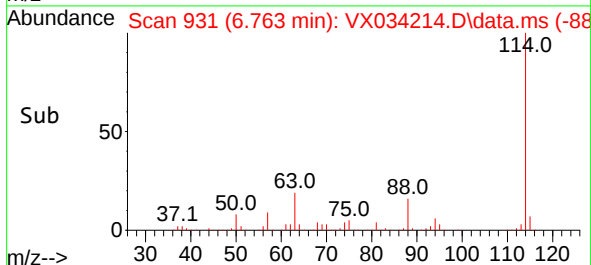
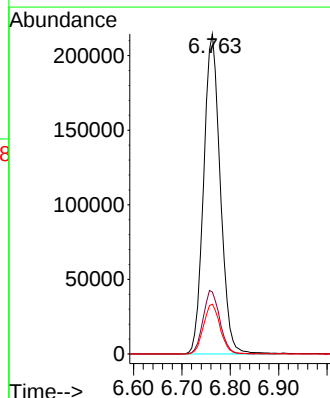
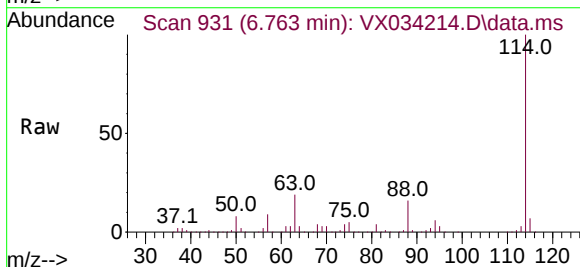
Tgt Ion:114 Resp: 512487

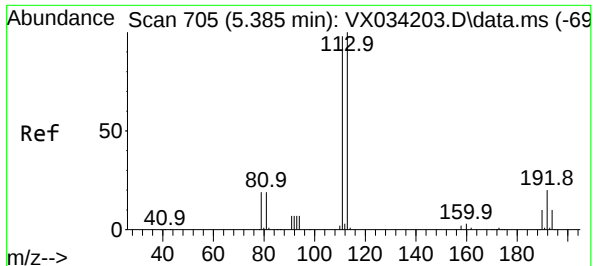
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.309 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034214.D

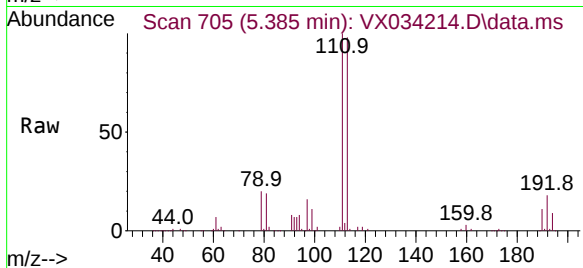
Acq: 21 Feb 2023 17:04

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023



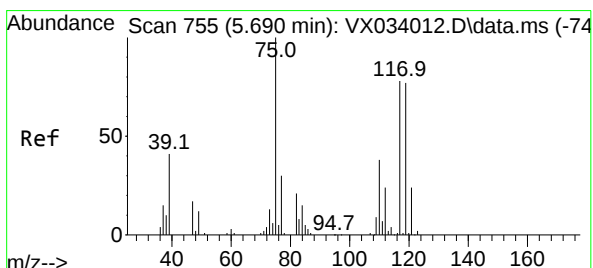
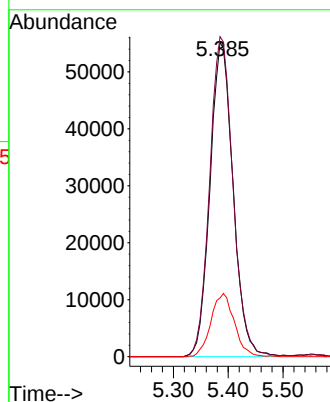
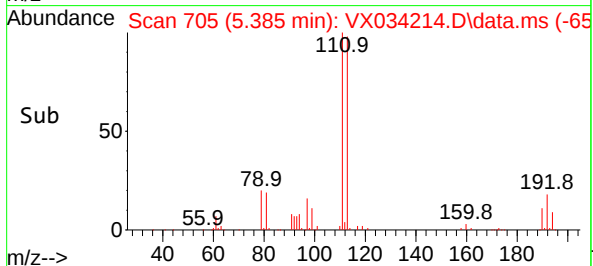
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 16119 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 103.1 | 83.0  | 124.6 |
| 192      | 20.4  | 19.0  | 28.4  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#36

1,1-Dichloropropene

Concen: 4.766 ug/l

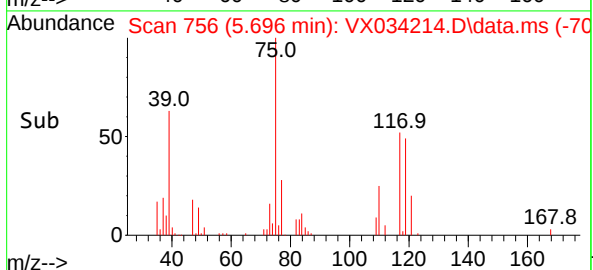
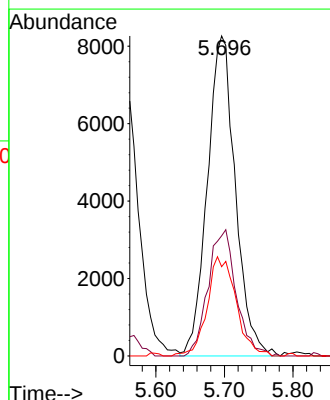
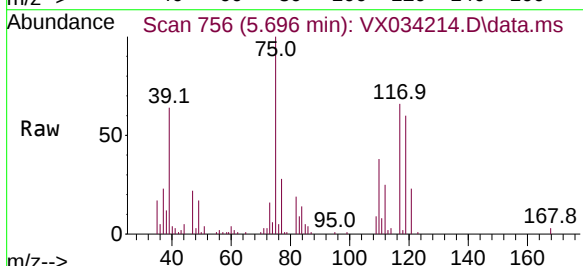
RT: 5.696 min Scan# 756

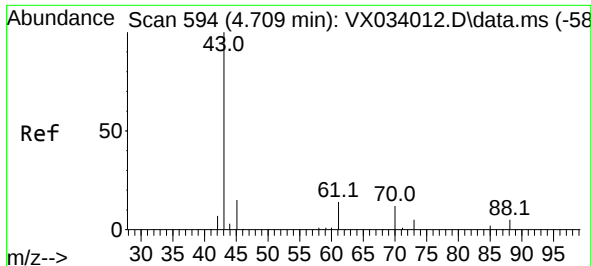
Delta R.T. 0.006 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 23520 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 39.7  | 18.8  | 56.4  |
| 77       | 31.8  | 25.1  | 37.7  |





#37

Ethyl Acetate

Concen: 5.047 ug/l

RT: 4.721 min Scan# 594

Delta R.T. 0.012 min

Lab File: VX034214.D

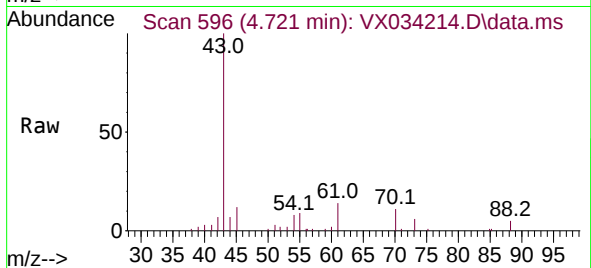
Acq: 21 Feb 2023 17:04

Instrument :

MSVOA\_X

ClientSampleId :

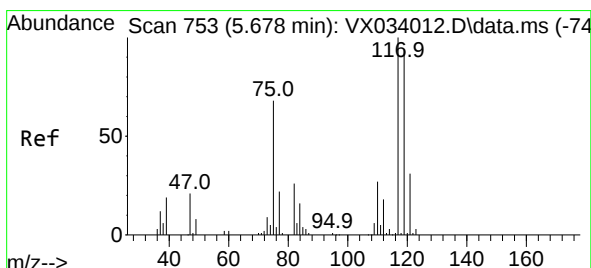
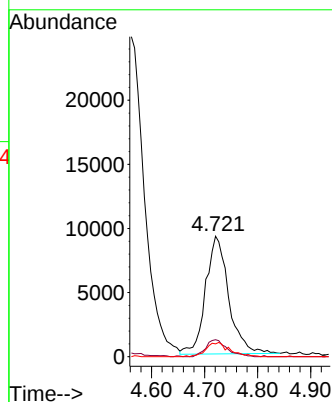
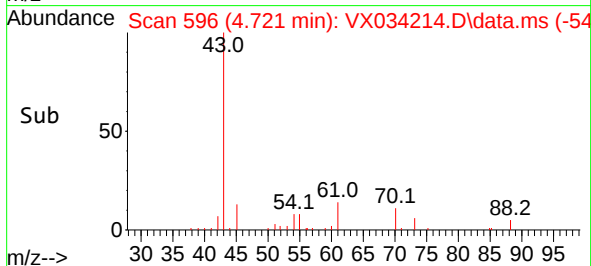
LOQ-WATER-02-QT1-2023



|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 2783     |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 13.2 11.1 16.7 |
| 70          | 12.3 8.5 12.7  |

Manual Integrations  
APPROVED

Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#38

Carbon Tetrachloride

Concen: 4.864 ug/l

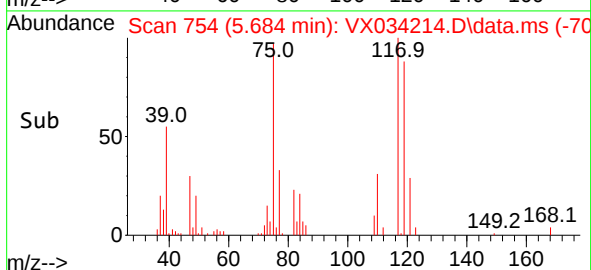
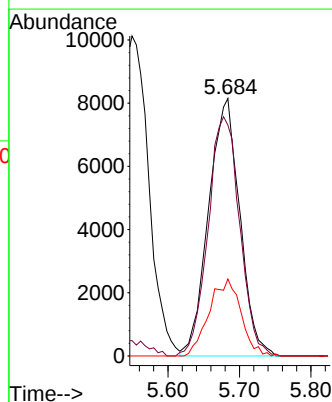
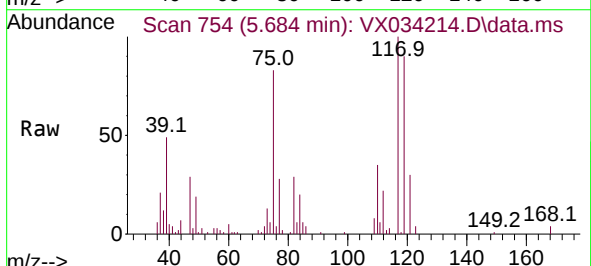
RT: 5.684 min Scan# 754

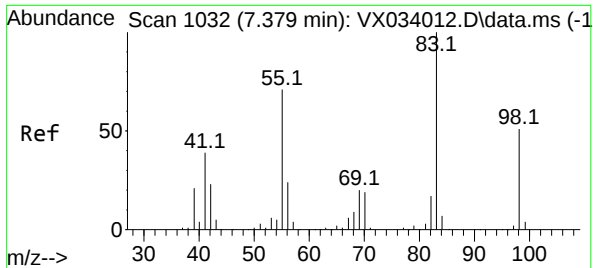
Delta R.T. 0.012 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 24700     |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 119          | 89.7 78.0 117.0 |
| 121          | 29.9 24.4 36.6  |





#39

Methylcyclohexane

Concen: 4.743 ug/l

RT: 7.385 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

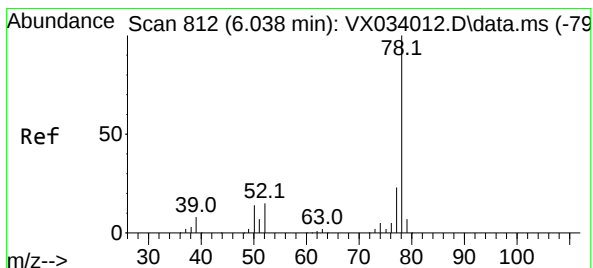
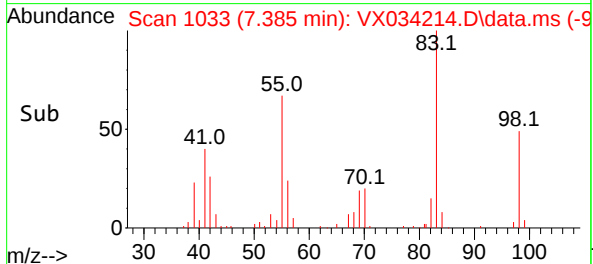
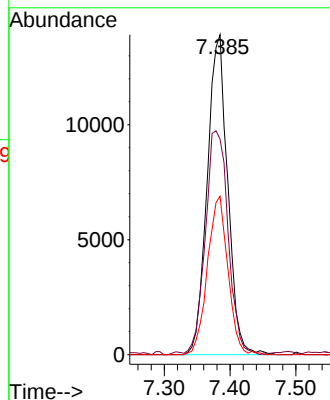
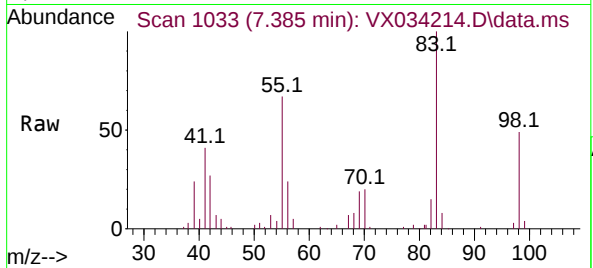
|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 3012     |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 66.7 61.8 92.6 |
| 98          | 49.5 39.3 58.9 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#40

Benzene

Concen: 4.964 ug/l

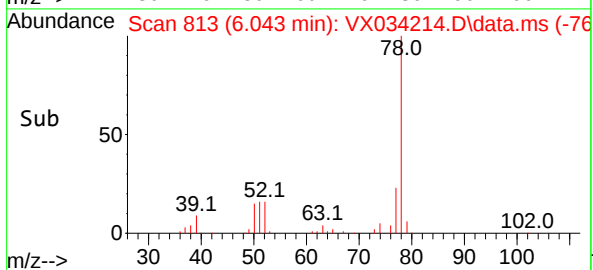
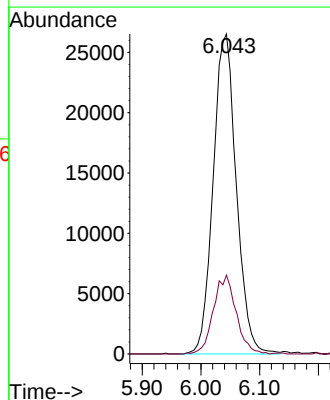
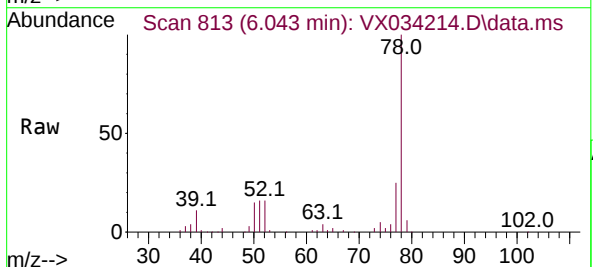
RT: 6.043 min Scan# 813

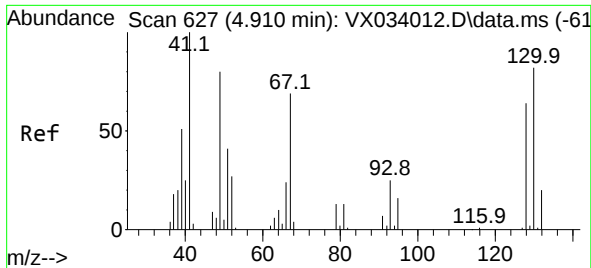
Delta R.T. 0.006 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

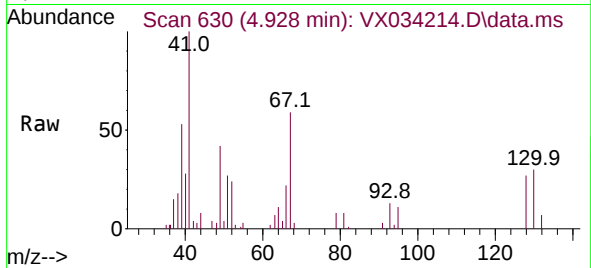
|             |                |
|-------------|----------------|
| Tgt Ion: 78 | Resp: 72600    |
| Ion Ratio   | Lower Upper    |
| 78          | 100            |
| 77          | 24.6 19.0 28.4 |





#41  
Methacrylonitrile  
Concen: 5.077 ug/l m  
RT: 4.928 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

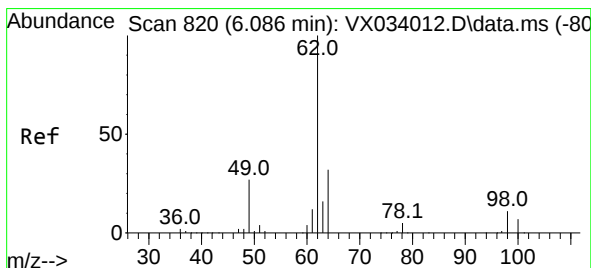
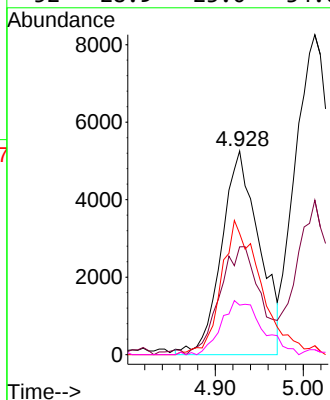
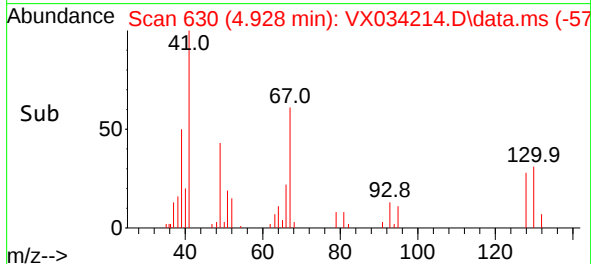
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023



Tgt Ion: 41 Resp: 1559  
Ion Ratio Lower Upper  
41 100  
39 57.3 43.8 65.6  
67 70.3 54.8 82.2  
52 28.9 23.0 34.6

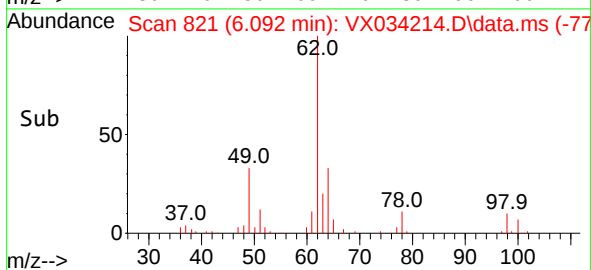
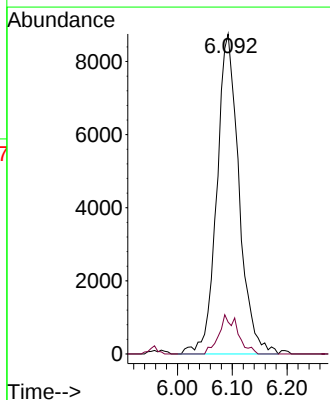
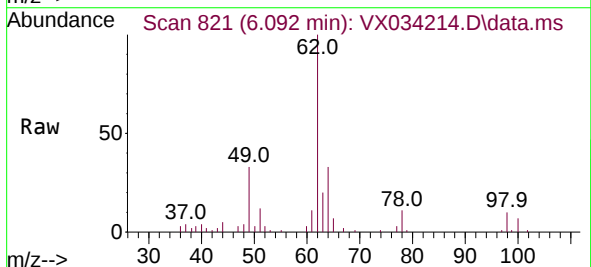
Manual Integrations  
APPROVED

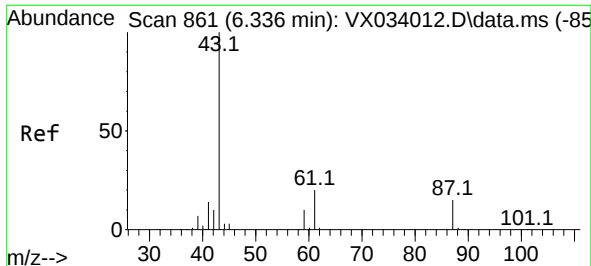
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#42  
1,2-Dichloroethane  
Concen: 4.791 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.006 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Tgt Ion: 62 Resp: 24644  
Ion Ratio Lower Upper  
62 100  
98 10.4 0.0 20.2





#43

Isopropyl Acetate

Concen: 4.751 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

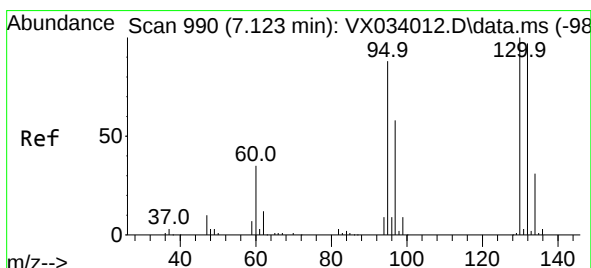
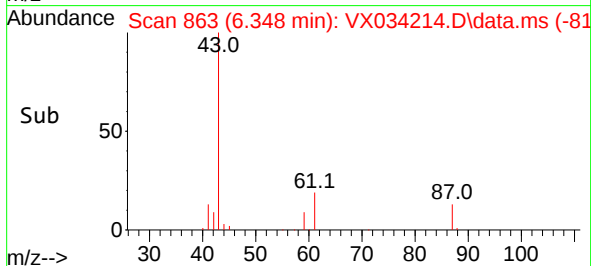
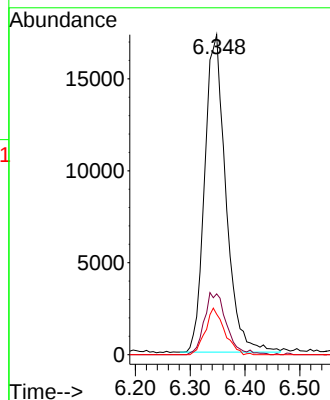
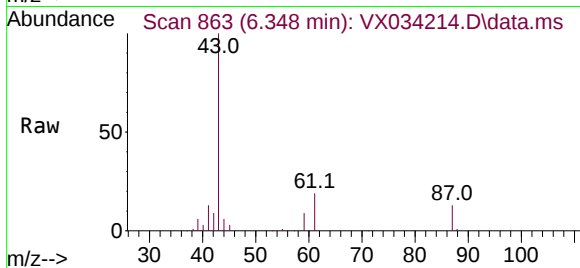
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 4624  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 20.5     | 15.7 23.5   |
| 87 13.3     | 10.6 15.8   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#44

Trichloroethene

Concen: 5.037 ug/l

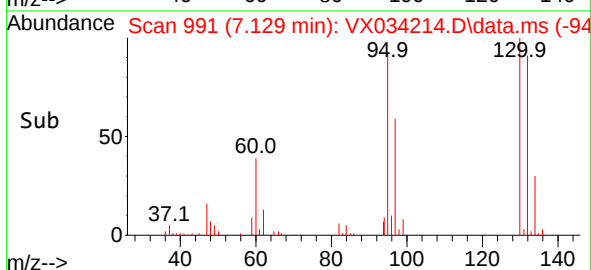
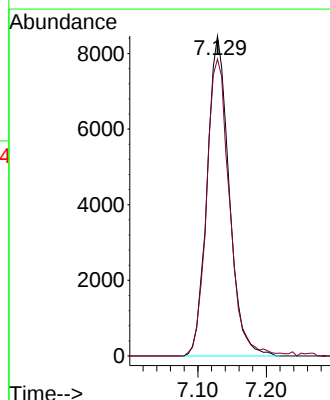
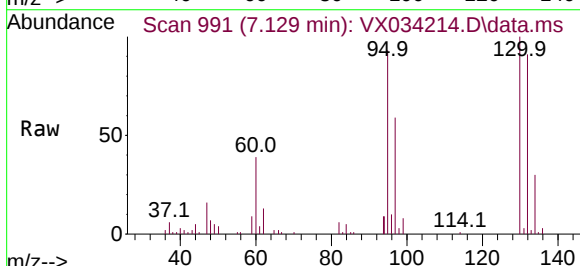
RT: 7.129 min Scan# 991

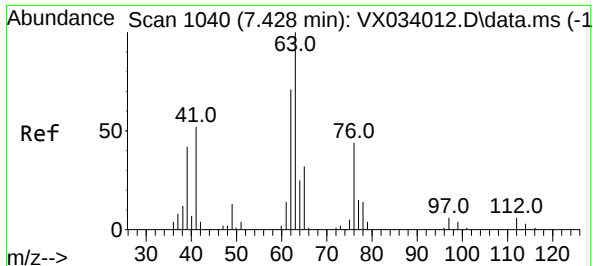
Delta R.T. 0.006 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

|             |             |
|-------------|-------------|
| Tgt Ion:130 | Resp: 18902 |
| Ion Ratio   | Lower Upper |
| 130 100     |             |
| 95 92.8     | 0.0 182.6   |





#45

1,2-Dichloropropane

Concen: 4.920 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

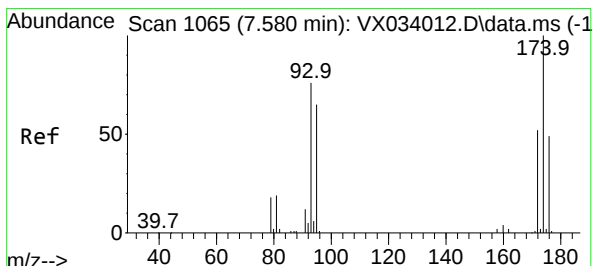
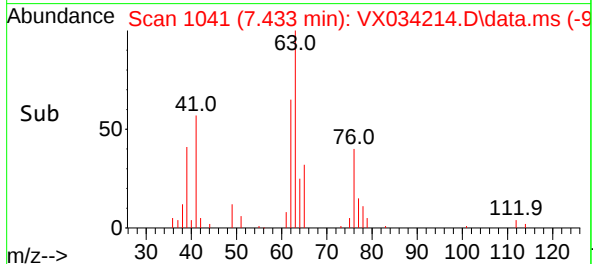
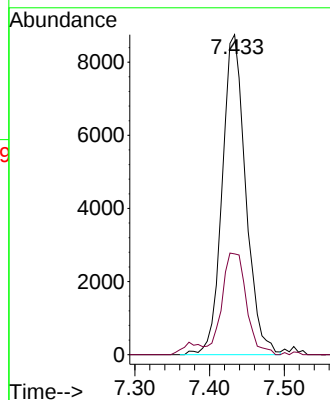
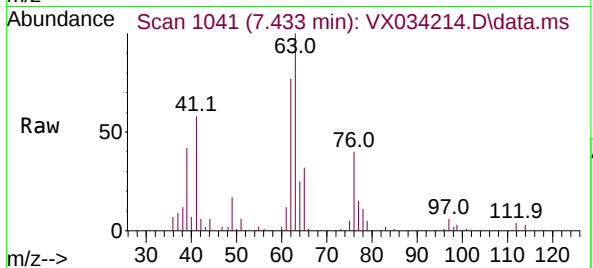
Tgt Ion: 63 Resp: 1915  
 Ion Ratio Lower Upper  
 63 100  
 65 31.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#46

Dibromomethane

Concen: 5.108 ug/l

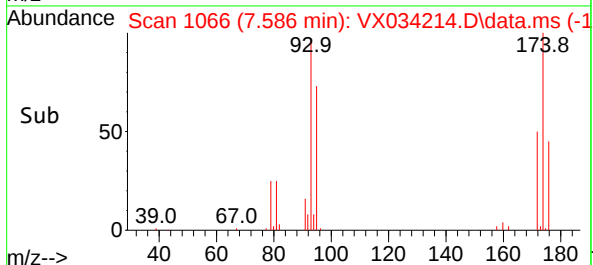
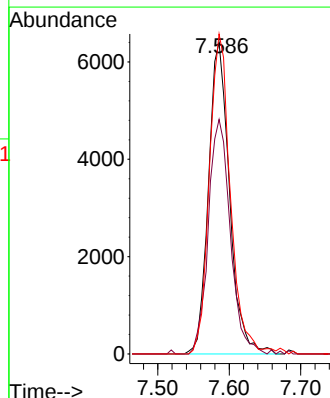
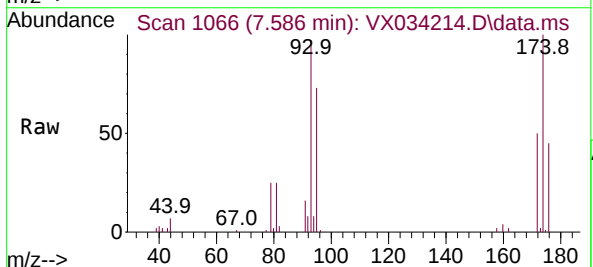
RT: 7.586 min Scan# 1066

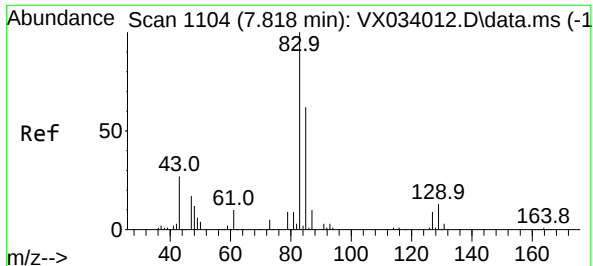
Delta R.T. 0.006 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

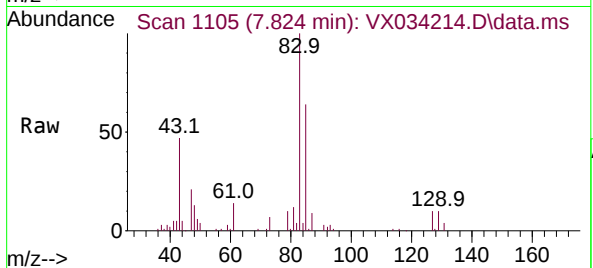
Tgt Ion: 93 Resp: 13088  
 Ion Ratio Lower Upper  
 93 100  
 95 78.4 67.6 101.4  
 174 103.5 97.4 146.0





#47  
Bromodichloromethane  
Concen: 4.754 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

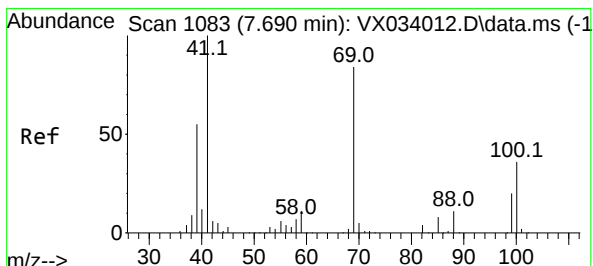
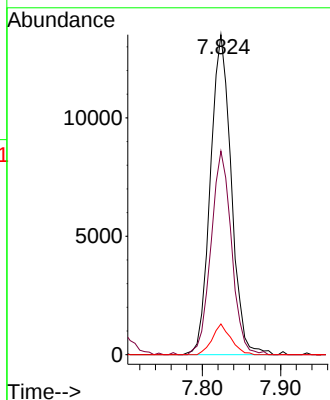
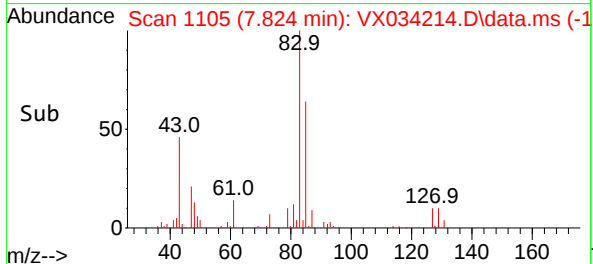
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023



Tgt Ion: 83 Resp: 24990  
Ion Ratio Lower Upper  
83 100  
85 63.6 49.8 74.6  
127 9.6 7.0 10.4

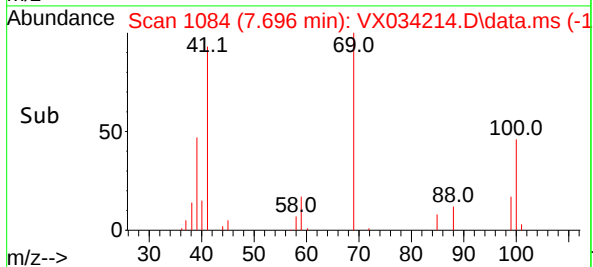
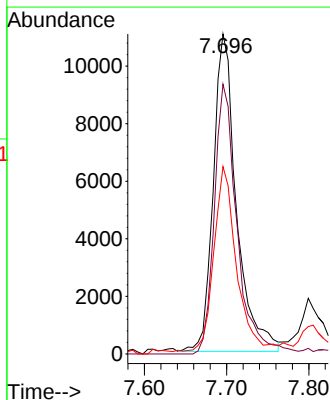
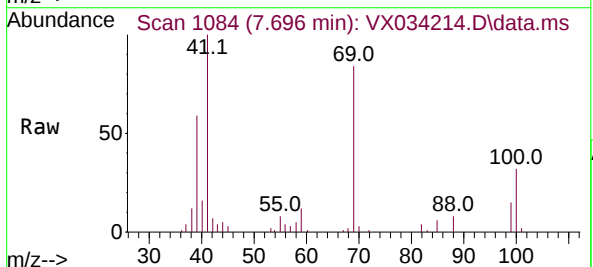
Manual Integrations  
APPROVED

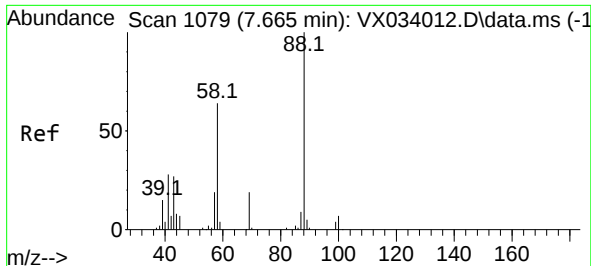
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#48  
Methyl methacrylate  
Concen: 4.690 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.006 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

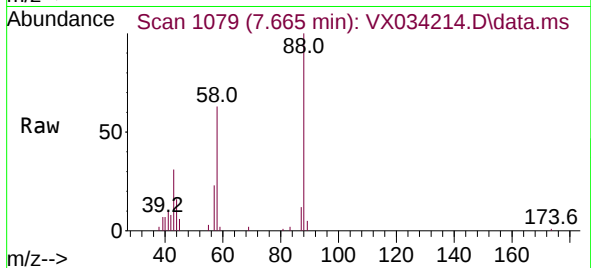
Tgt Ion: 41 Resp: 21665  
Ion Ratio Lower Upper  
41 100  
69 83.3 63.1 94.7  
39 56.0 43.2 64.8





#49  
1,4-Dioxane  
Concen: 101.730 ug/l  
RT: 7.665 min Scan# 1079  
Delta R.T. 0.012 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

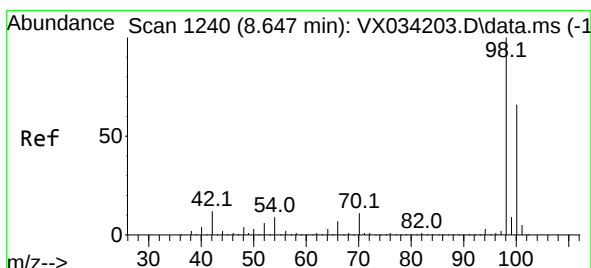
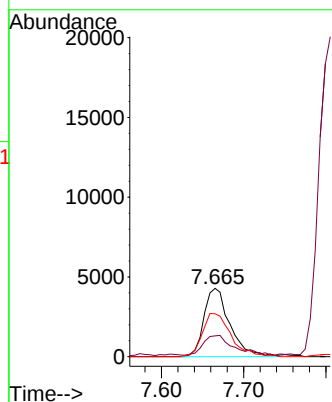
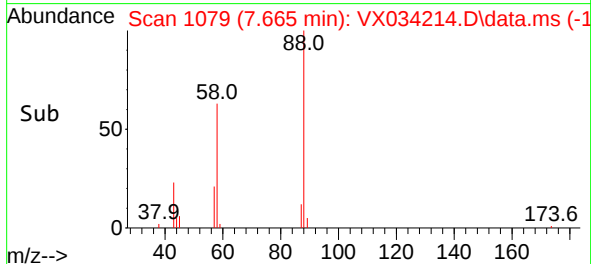
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023



Tgt Ion: 88 Resp: 937  
Ion Ratio Lower Upper  
88 100  
43 33.3 0.0 0.0  
58 69.3 56.5 84.7

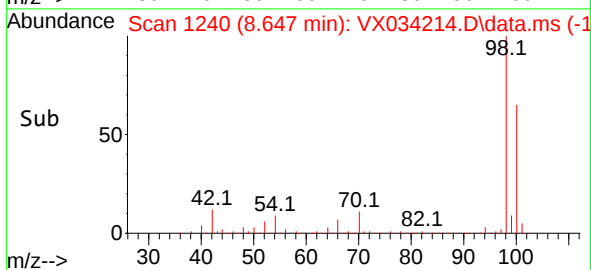
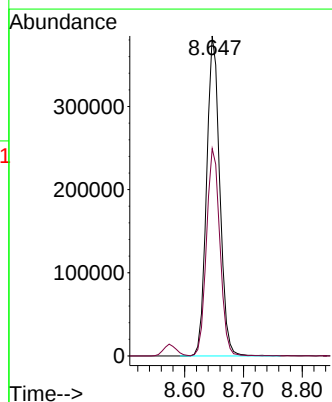
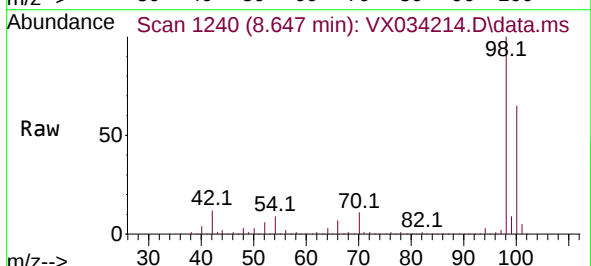
Manual Integrations  
APPROVED

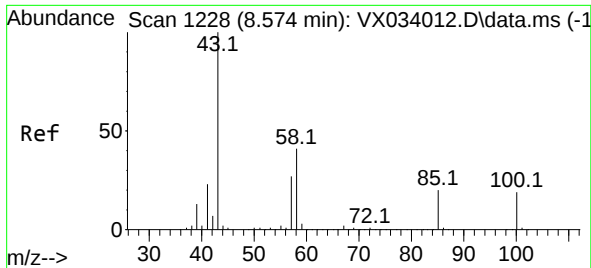
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#50  
Toluene-d8  
Concen: 50.028 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

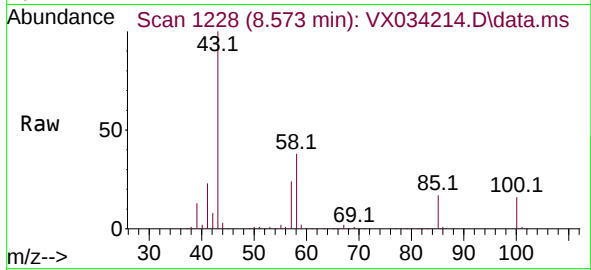
Tgt Ion: 98 Resp: 599342  
Ion Ratio Lower Upper  
98 100  
100 66.1 53.6 80.4





#51  
4-Methyl-2-Pentanone  
Concen: 26.765 ug/l  
RT: 8.573 min Scan# 1228  
Delta R.T. 0.006 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

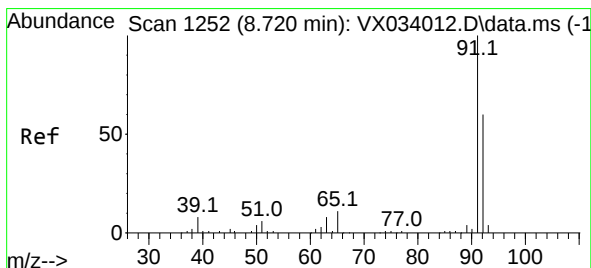
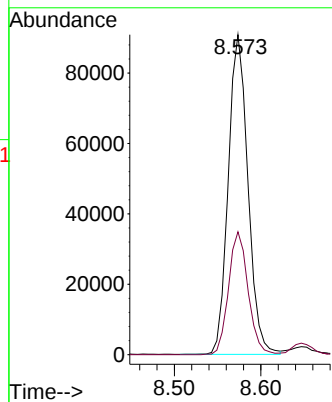
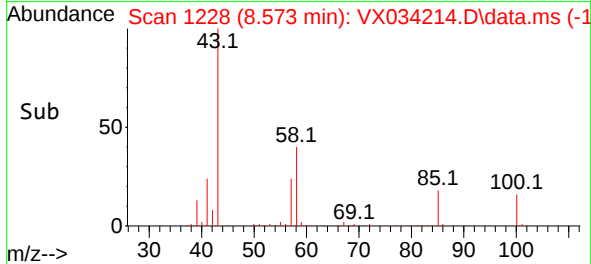
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023



Tgt Ion: 43 Resp: 14331  
Ion Ratio Lower Upper  
43 100  
58 38.2 31.2 46.8

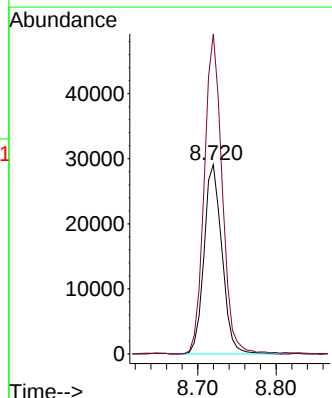
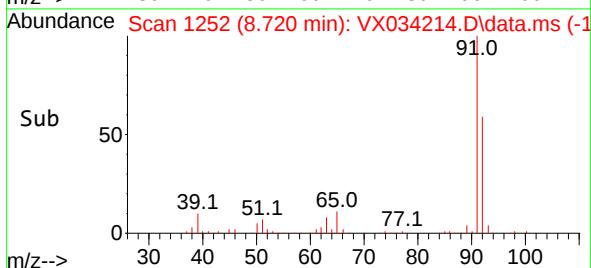
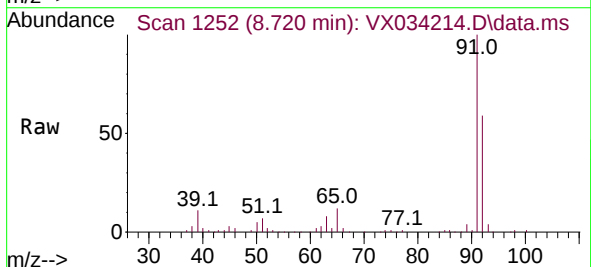
Manual Integrations  
APPROVED

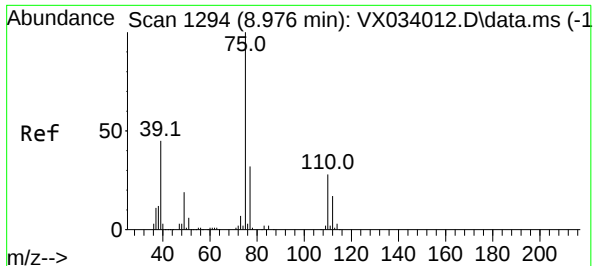
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#52  
Toluene  
Concen: 5.210 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.006 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Tgt Ion: 92 Resp: 46167  
Ion Ratio Lower Upper  
92 100  
91 168.7 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 4.547 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 75 Resp: 2752

Ion Ratio Lower Upper

75 100

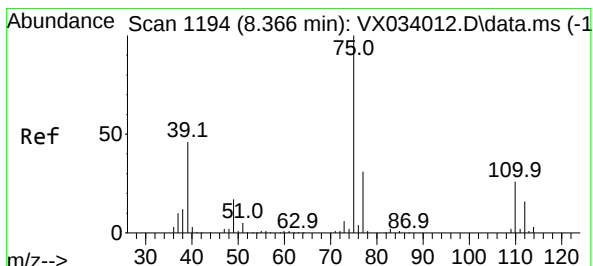
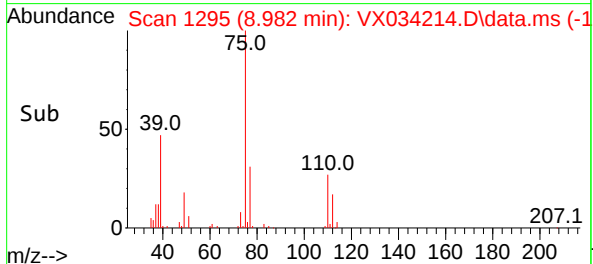
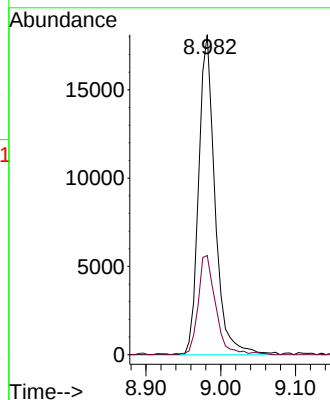
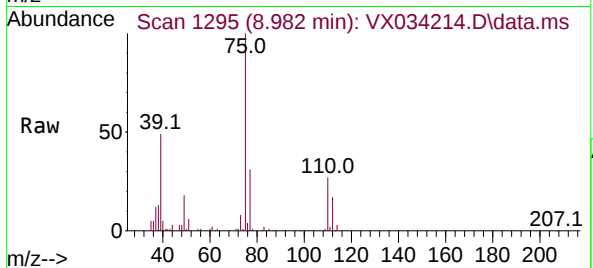
77 31.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#54

cis-1,3-Dichloropropene

Concen: 4.595 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

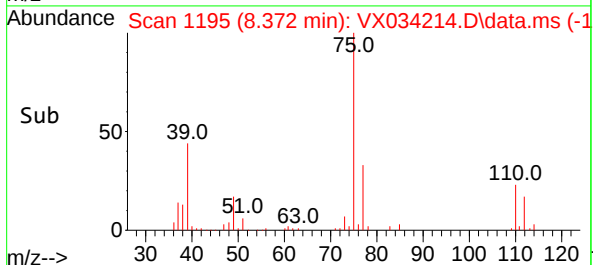
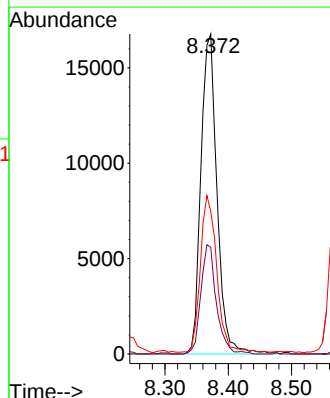
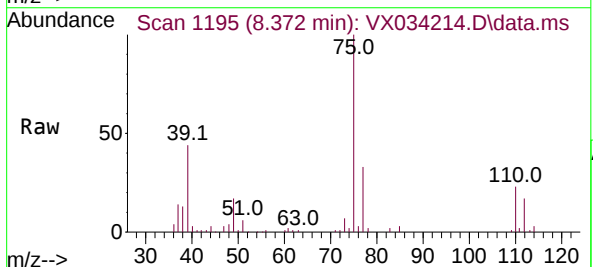
Tgt Ion: 75 Resp: 29770

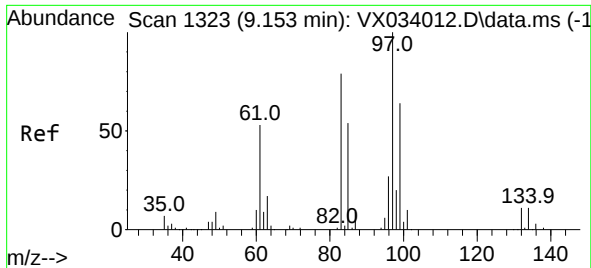
Ion Ratio Lower Upper

75 100

77 33.4 25.0 37.6

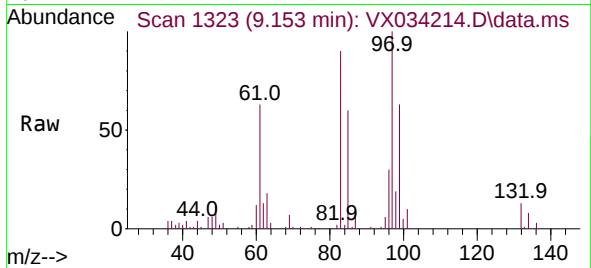
39 43.9 38.6 58.0





#55  
1,1,2-Trichloroethane  
Concen: 5.070 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Instrument : MSVOA\_X  
ClientSampleId : LOQ-WATER-02-QT1-2023

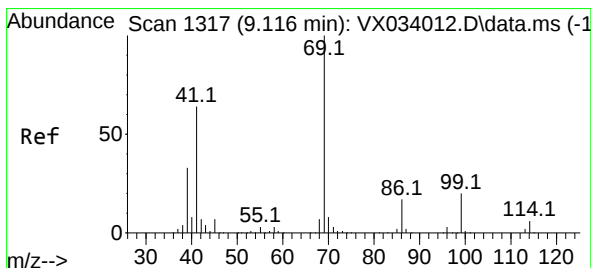
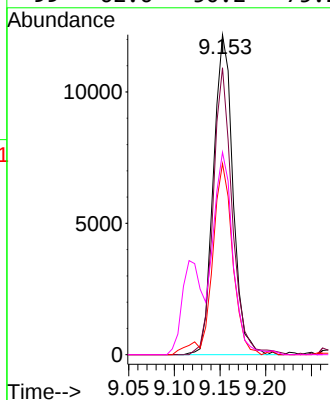
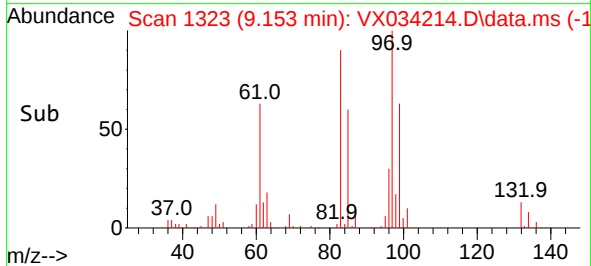


Tgt Ion: 97 Resp: 1813

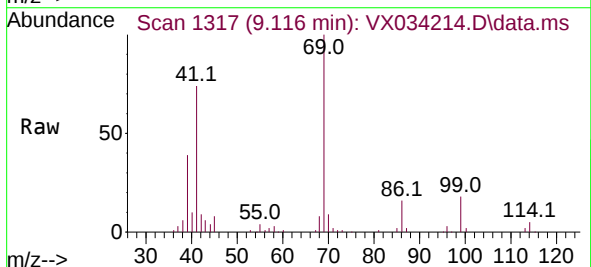
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 89.6  | 67.4  | 101.0 |
| 85  | 59.7  | 43.2  | 64.8  |
| 99  | 62.6  | 50.2  | 75.2  |

Manual Integrations  
APPROVED

Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023

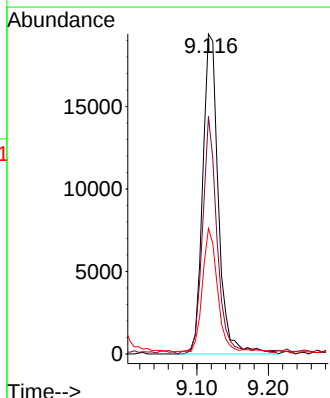
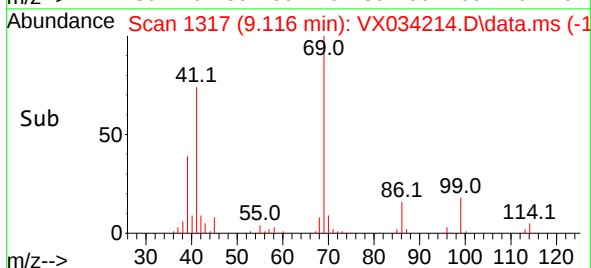


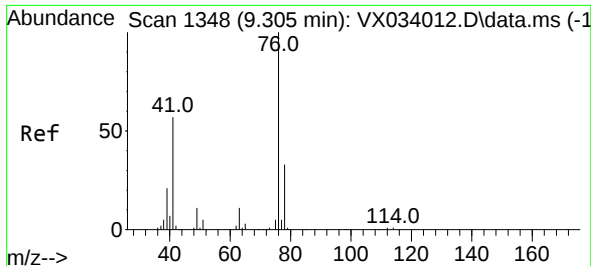
#56  
Ethyl methacrylate  
Concen: 4.886 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04



Tgt Ion: 69 Resp: 29565

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 70.3  | 55.1  | 82.7  |
| 39  | 36.9  | 28.5  | 42.7  |





#57

1,3-Dichloropropane

Concen: 5.031 ug/l

RT: 9.311 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 76 Resp: 3130

Ion Ratio Lower Upper

76 100

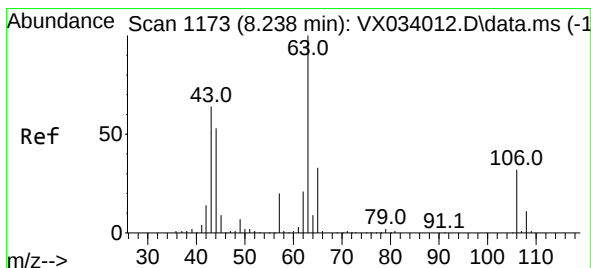
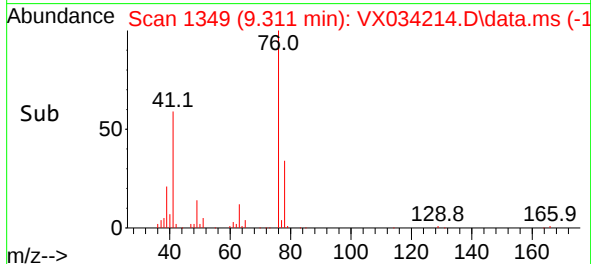
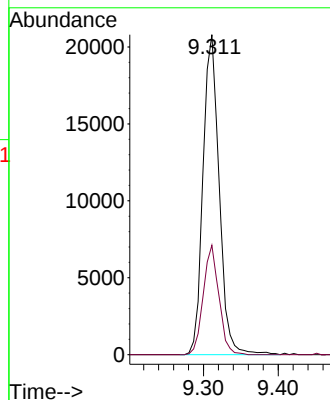
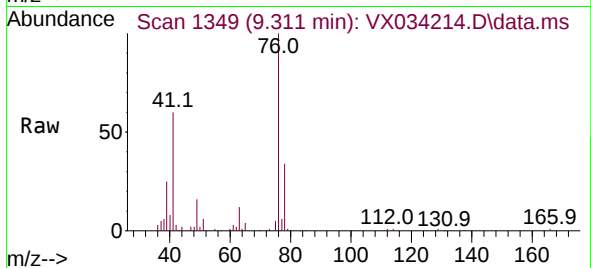
78 32.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 25.981 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX034214.D

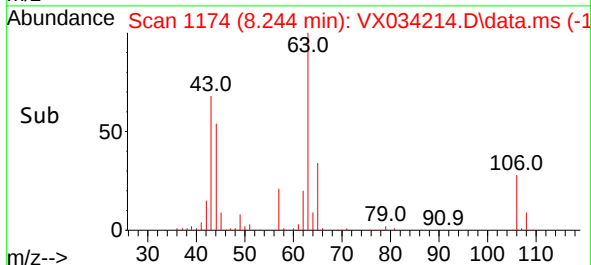
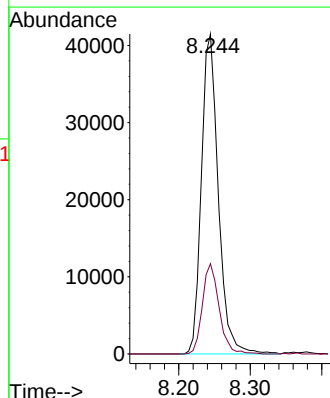
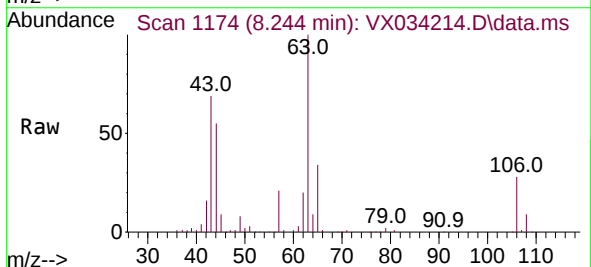
Acq: 21 Feb 2023 17:04

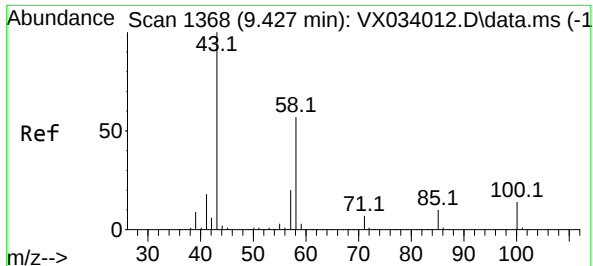
Tgt Ion: 63 Resp: 68097

Ion Ratio Lower Upper

63 100

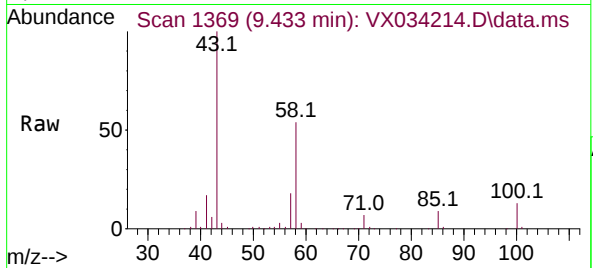
106 27.9 24.5 36.7





#59  
2-Hexanone  
Concen: 25.727 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.006 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

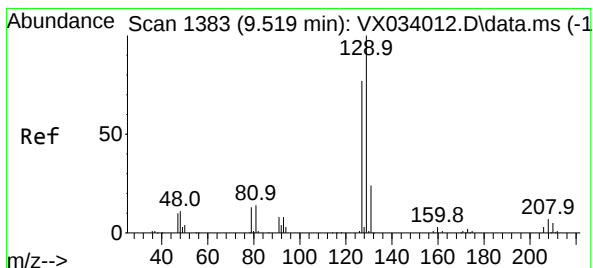
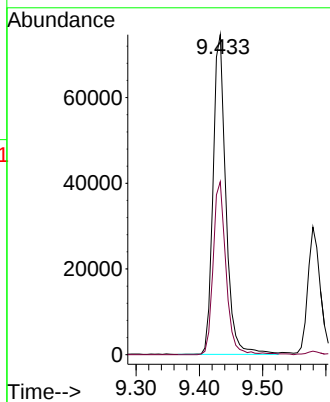
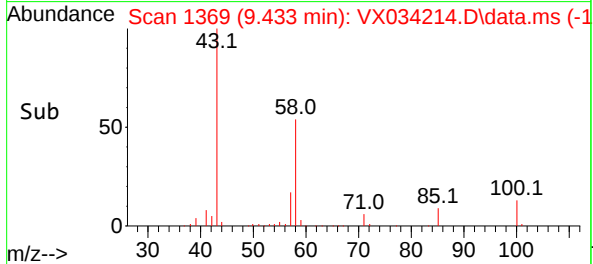
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023



Tgt Ion: 43 Resp: 10498  
Ion Ratio Lower Upper  
43 100  
58 53.7 27.4 82.0

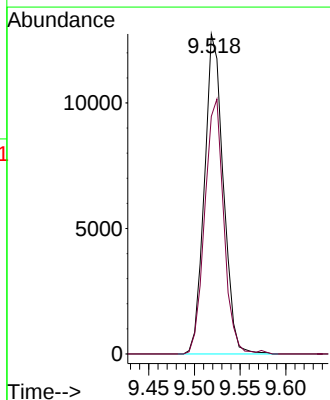
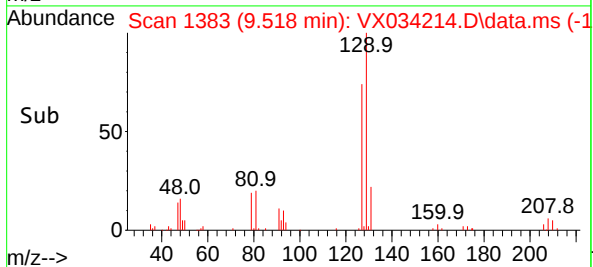
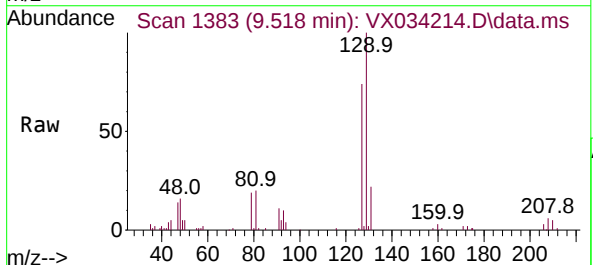
Manual Integrations  
APPROVED

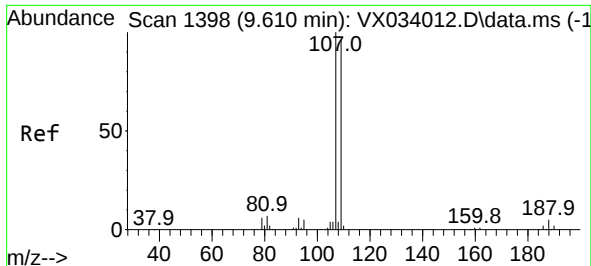
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#60  
Dibromochloromethane  
Concen: 4.628 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Tgt Ion:129 Resp: 18289  
Ion Ratio Lower Upper  
129 100  
127 80.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 5.142 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

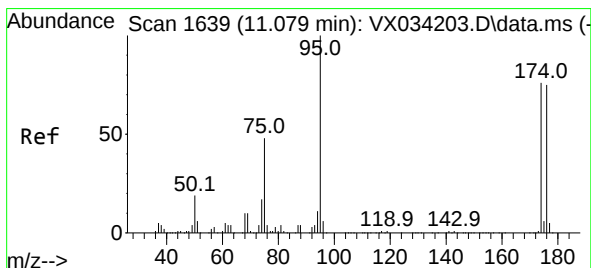
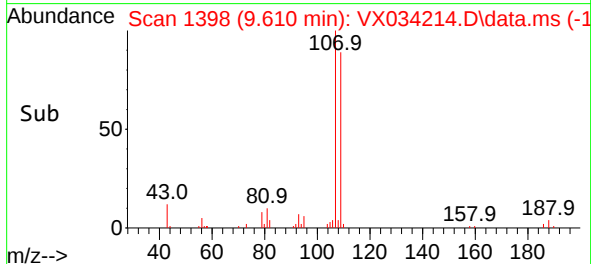
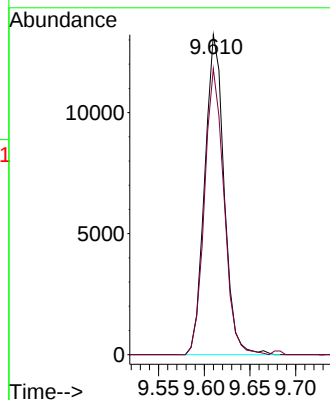
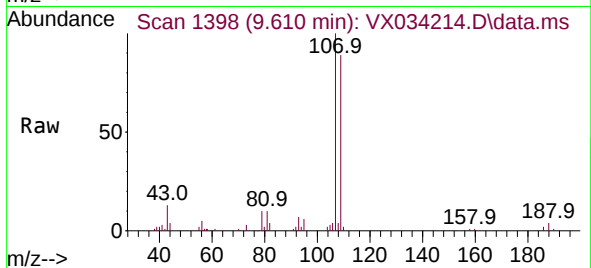
Tgt Ion:107 Resp: 19452  
 Ion Ratio Lower Upper  
 107 100  
 109 89.9 74.2 111.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#62

4-Bromofluorobenzene

Concen: 46.765 ug/l

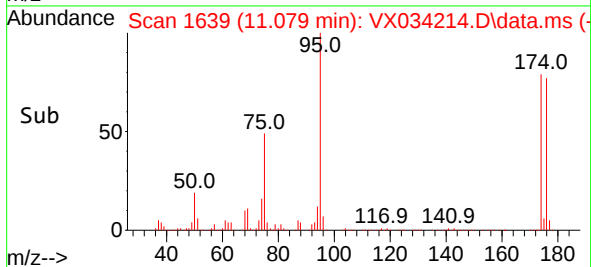
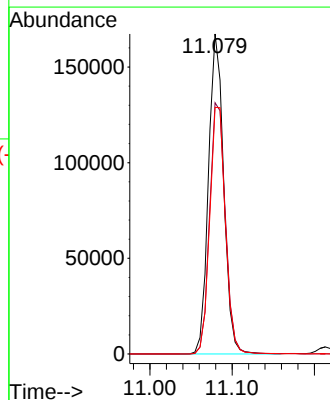
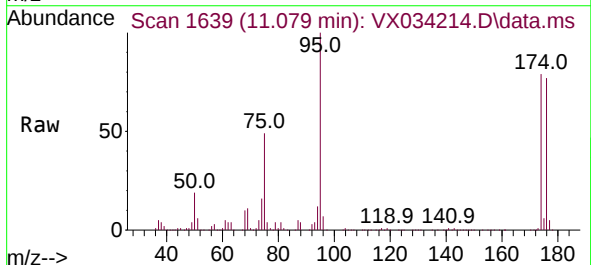
RT: 11.079 min Scan# 1639

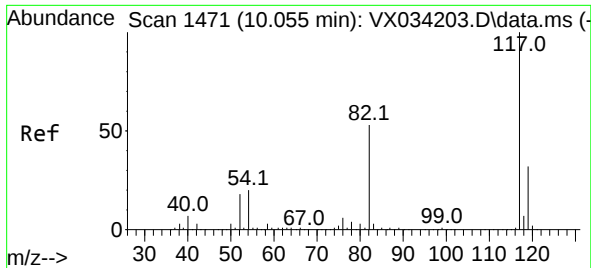
Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

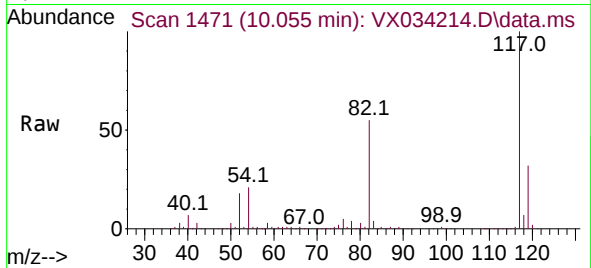
Tgt Ion: 95 Resp: 214300  
 Ion Ratio Lower Upper  
 95 100  
 174 81.6 0.0 184.4  
 176 80.1 0.0 178.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

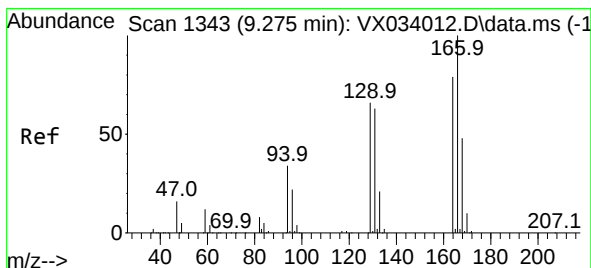
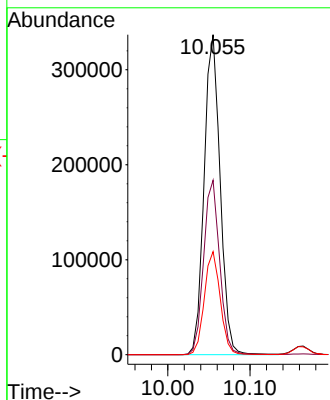
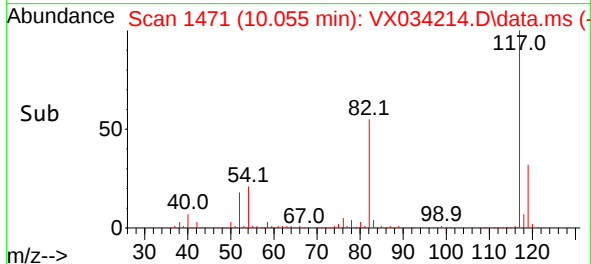
Instrument : MSVOA\_X  
ClientSampleId : LOQ-WATER-02-QT1-2023



Tgt Ion:117 Resp: 456289  
Ion Ratio Lower Upper  
117 100  
82 54.5 40.6 60.8  
119 32.2 25.6 38.4

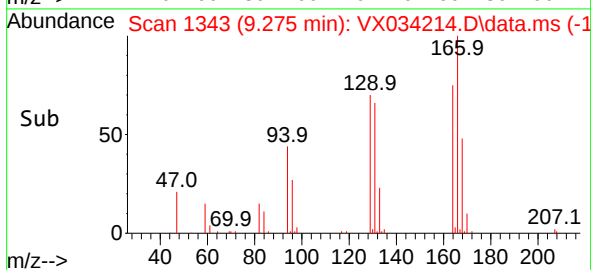
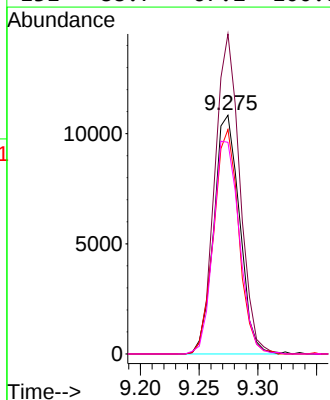
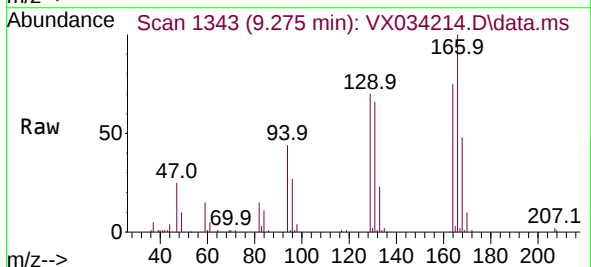
Manual Integrations  
APPROVED

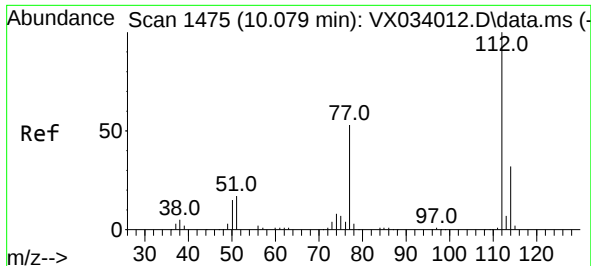
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#64  
Tetrachloroethene  
Concen: 5.148 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Tgt Ion:164 Resp: 16577  
Ion Ratio Lower Upper  
164 100  
166 134.0 100.2 150.2  
129 94.1 69.2 103.8  
131 88.7 67.2 100.8





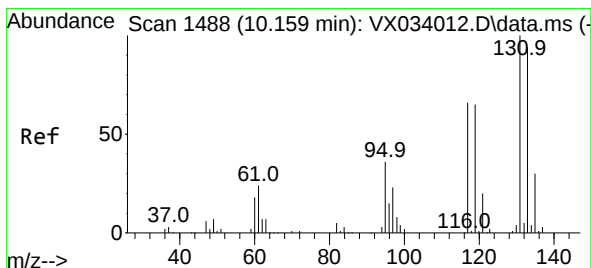
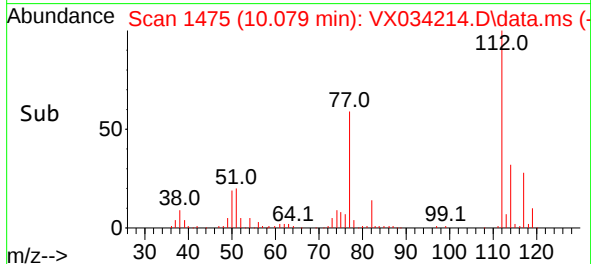
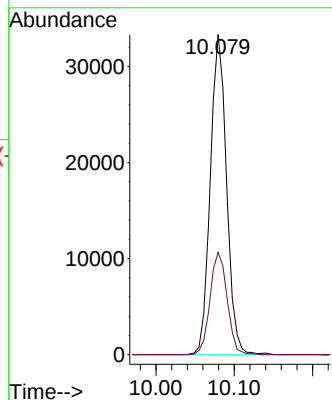
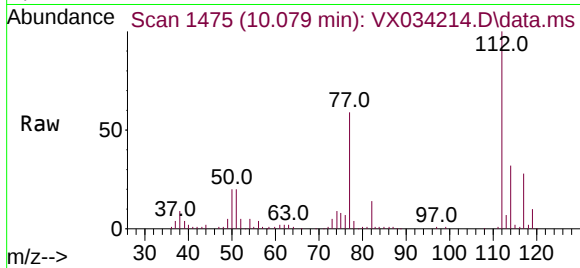
#65  
Chlorobenzene  
Concen: 5.039 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

Tgt Ion:112 Resp: 47929  
Ion Ratio Lower Upper  
112 100  
114 32.0 26.2 39.4

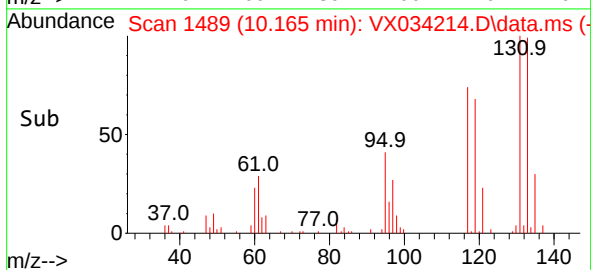
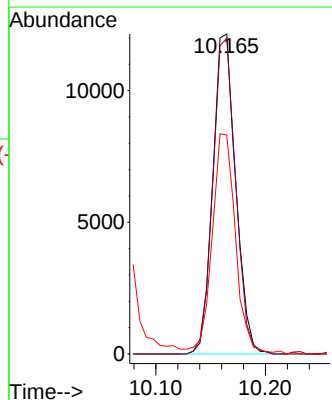
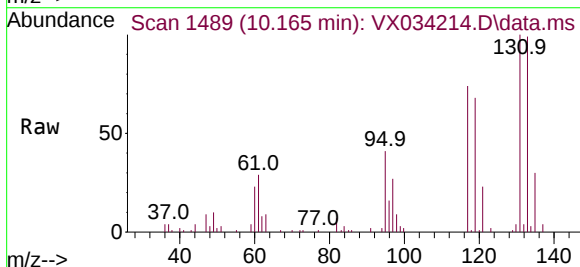
Manual Integrations  
APPROVED

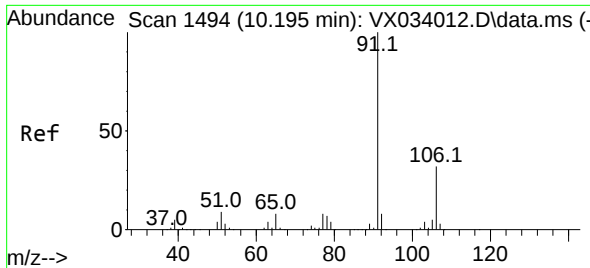
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.779 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Tgt Ion:131 Resp: 17598  
Ion Ratio Lower Upper  
131 100  
133 98.4 48.4 145.0  
119 70.4 31.9 95.7





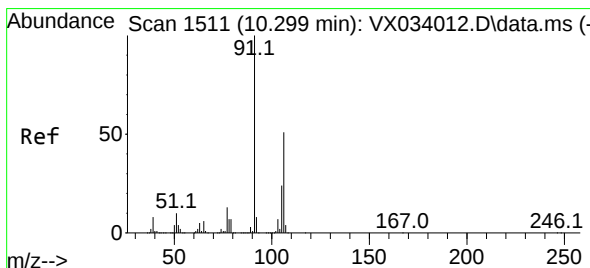
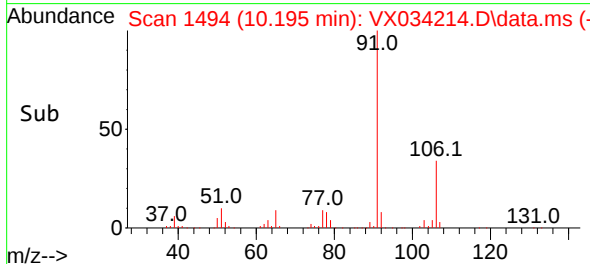
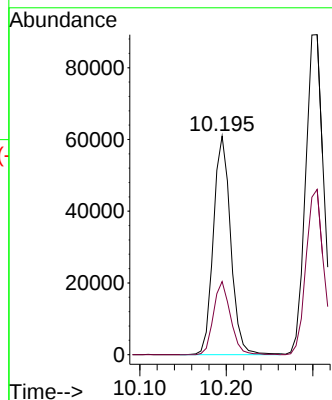
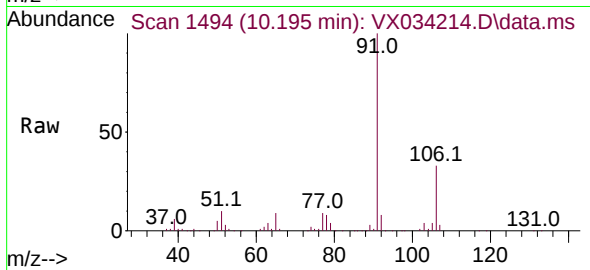
#67  
Ethyl Benzene  
Concen: 4.948 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

Tgt Ion: 91 Resp: 84552  
Ion Ratio Lower Upper  
91 100  
106 33.5 25.8 38.8

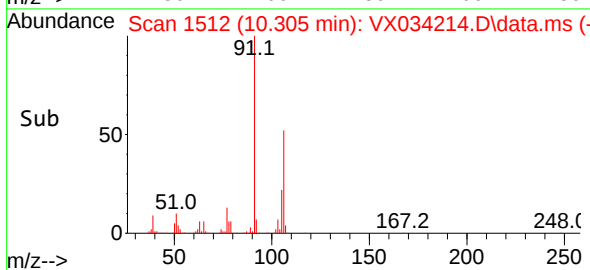
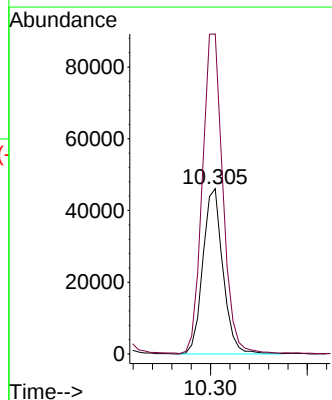
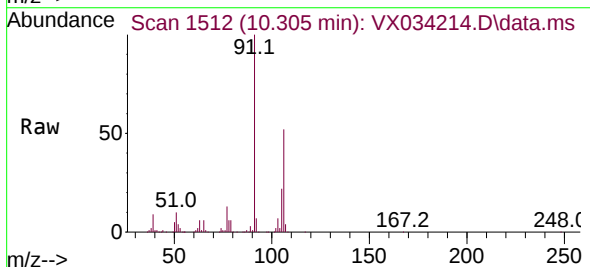
Manual Integrations  
APPROVED

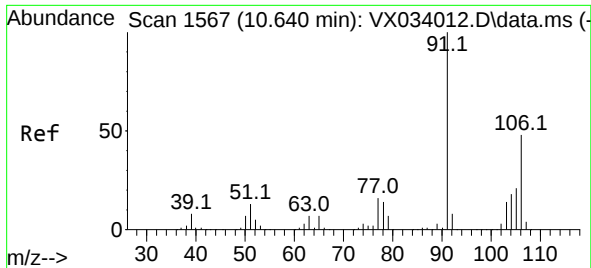
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#68  
m/p-Xylenes  
Concen: 10.194 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.006 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Tgt Ion:106 Resp: 66658  
Ion Ratio Lower Upper  
106 100  
91 196.7 156.4 234.6





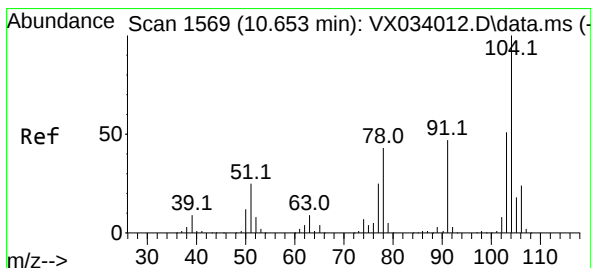
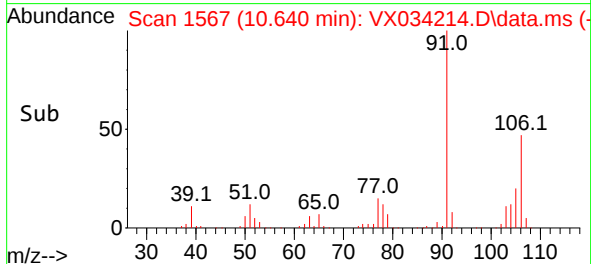
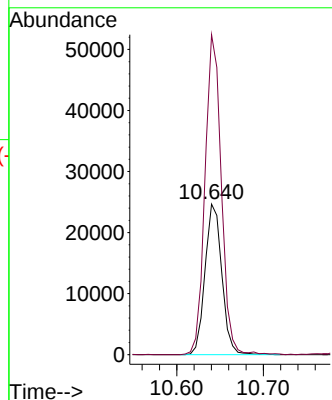
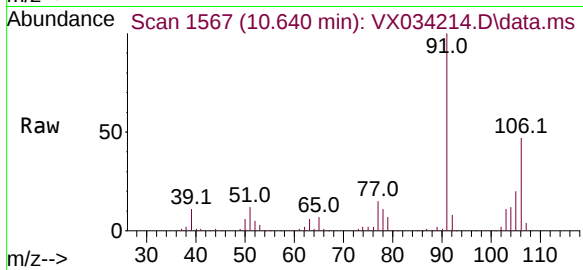
#69  
o-Xylene  
Concen: 5.105 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

Tgt Ion:106 Resp: 33234  
Ion Ratio Lower Upper  
106 100  
91 206.4 103.1 309.3

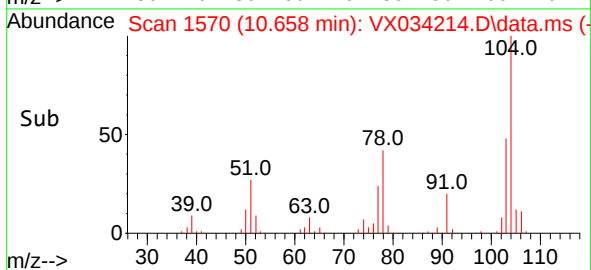
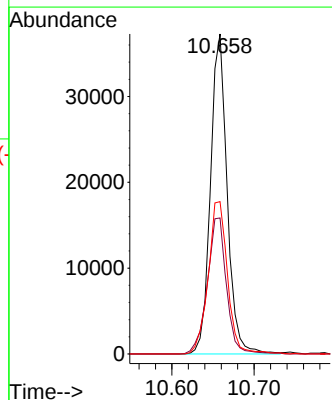
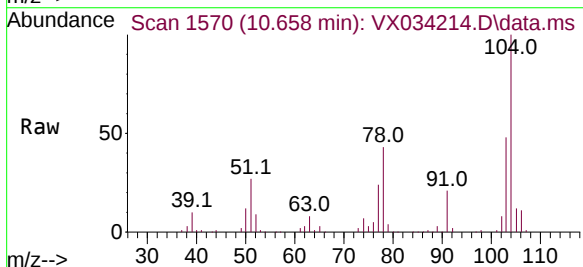
Manual Integrations  
APPROVED

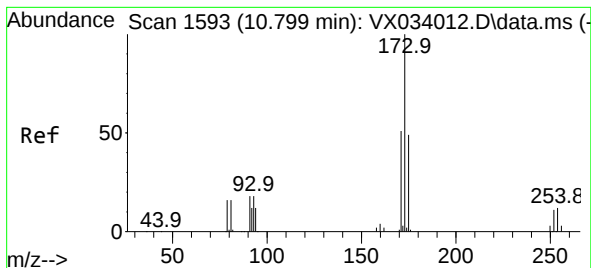
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#70  
Styrene  
Concen: 4.967 ug/l  
RT: 10.658 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Tgt Ion:104 Resp: 52590  
Ion Ratio Lower Upper  
104 100  
78 48.9 37.5 56.3  
103 55.3 43.3 64.9





#71

Bromoform

Concen: 4.468 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

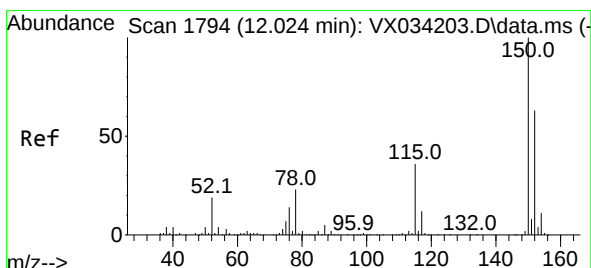
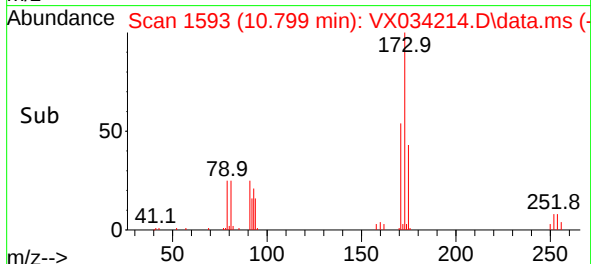
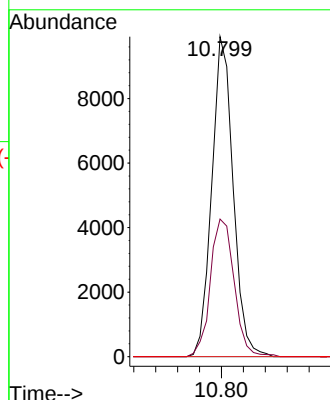
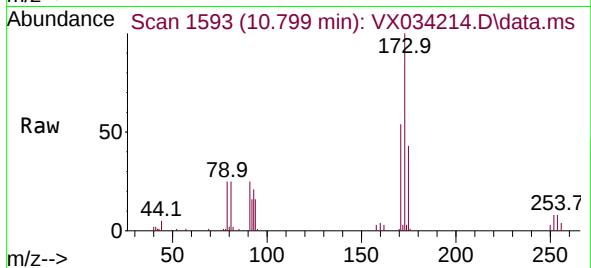
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 13429 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 47.9  | 24.1  | 72.3  |
| 254       | 0.0   | 0.1   | 0.1   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

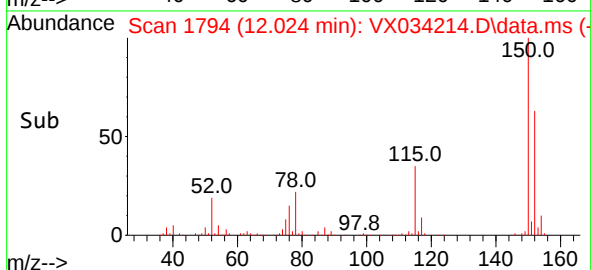
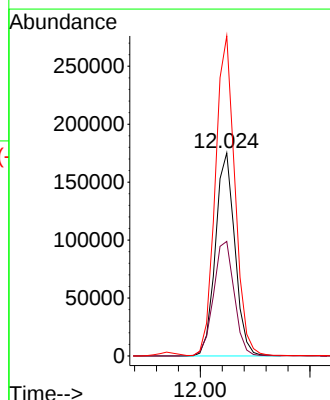
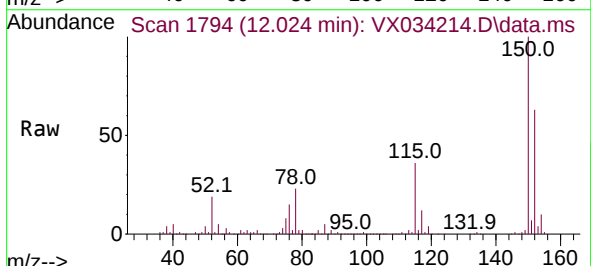
RT: 12.024 min Scan# 1794

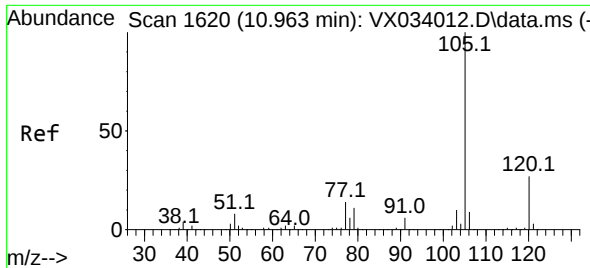
Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

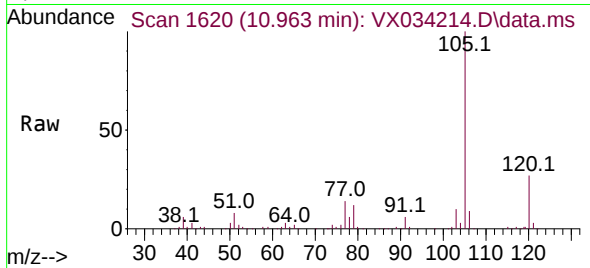
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 215468 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 60.1  | 38.7  | 116.1  |
| 150       | 158.7 | 0.0   | 348.2  |





#73  
Isopropylbenzene  
Concen: 5.031 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

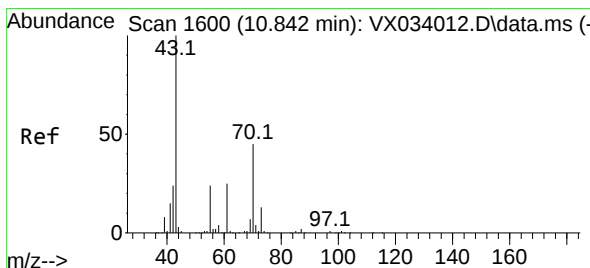
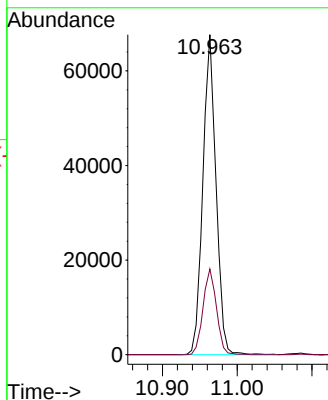
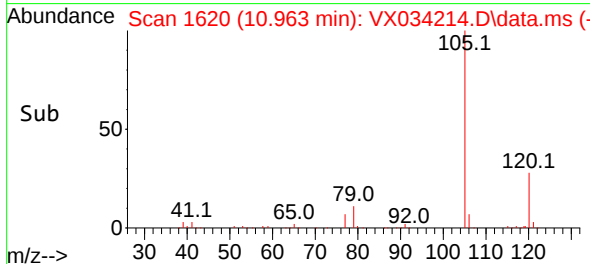
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023



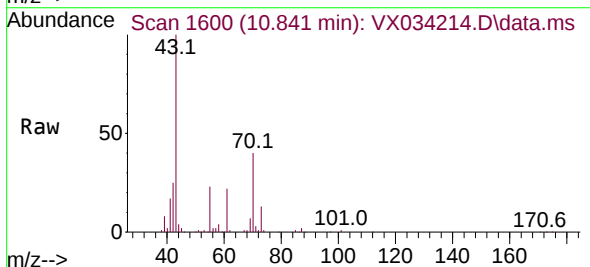
Tgt Ion:105 Resp: 8261  
Ion Ratio Lower Upper  
105 100  
120 27.3 13.6 40.8

Manual Integrations  
APPROVED

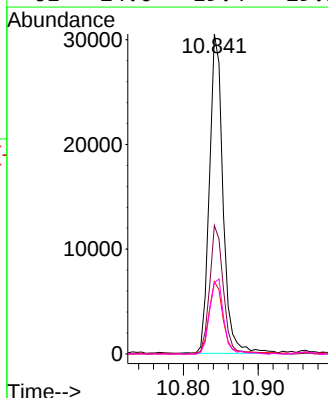
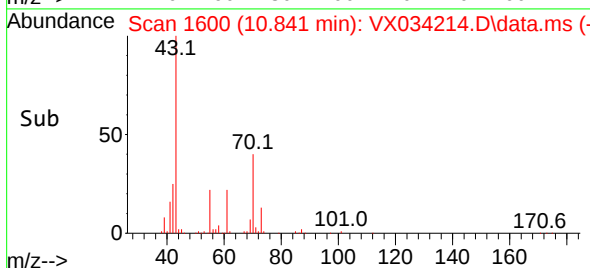
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023

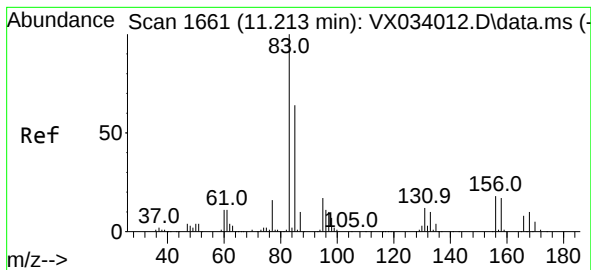


#74  
N-ethyl acetate  
Concen: 4.685 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04



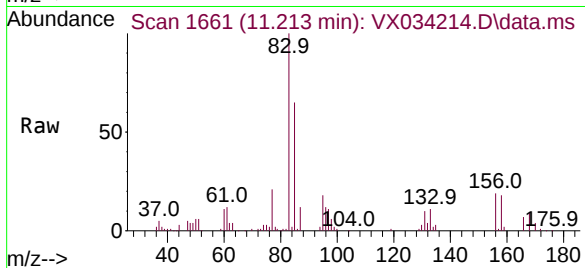
Tgt Ion: 43 Resp: 38648  
Ion Ratio Lower Upper  
43 100  
70 40.5 34.8 52.2  
55 24.5 19.4 29.0  
61 24.0 19.4 29.2





#75  
1,1,2,2-Tetrachloroethane  
Concen: 5.004 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

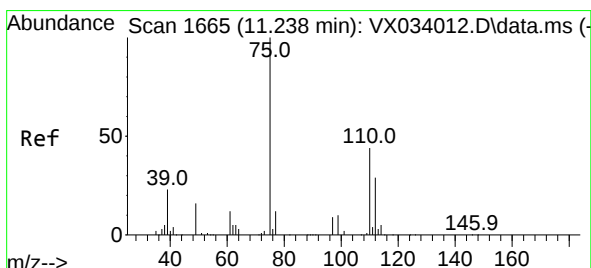
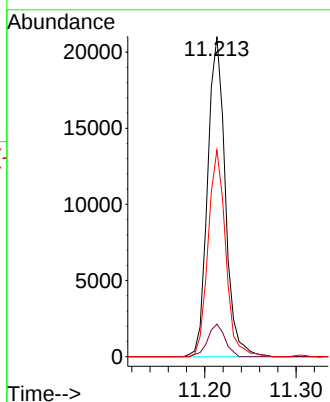
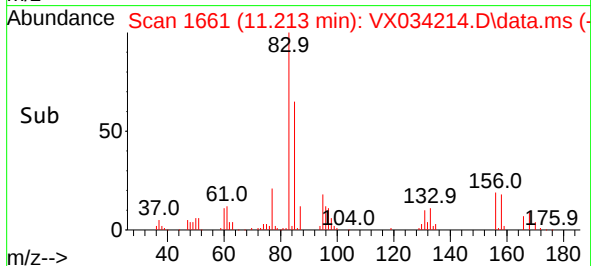
Instrument : MSVOA\_X  
ClientSampleId : LOQ-WATER-02-QT1-2023



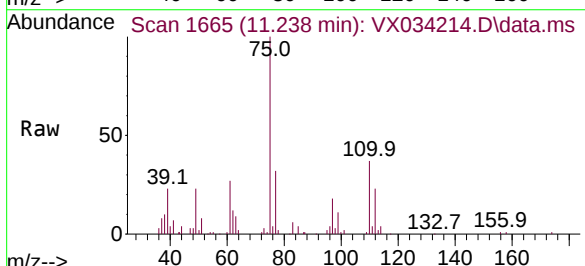
Tgt Ion: 83 Resp: 28104  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.5 16.7  
85 64.2 32.3 96.9

Manual Integrations  
APPROVED

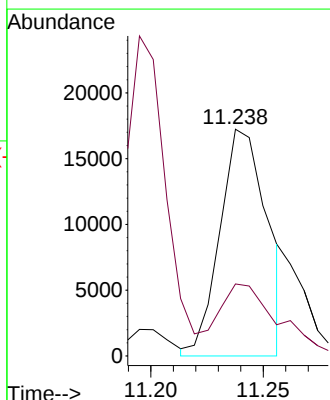
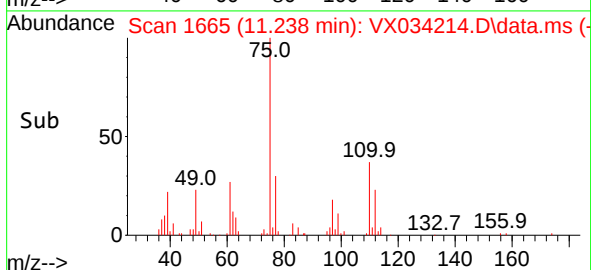
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023

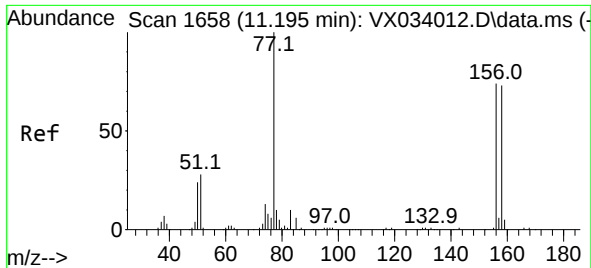


#76  
1,2,3-Trichloropropane  
Concen: 4.650 ug/l m  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04



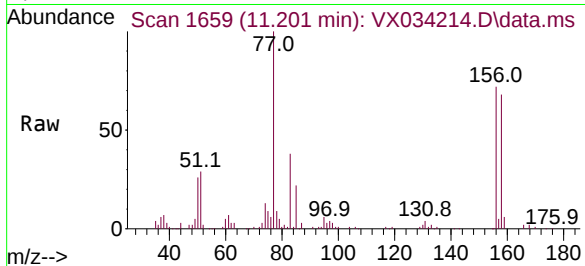
Tgt Ion: 75 Resp: 25211  
Ion Ratio Lower Upper  
75 100  
77 40.1 21.8 65.4





#77  
Bromobenzene  
Concen: 5.270 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.006 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

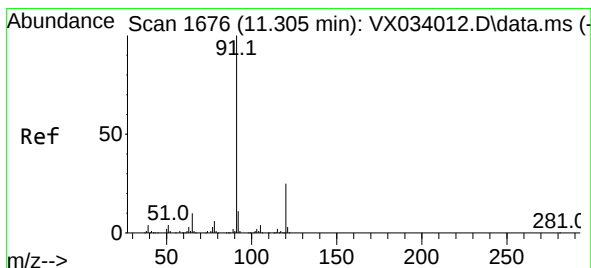
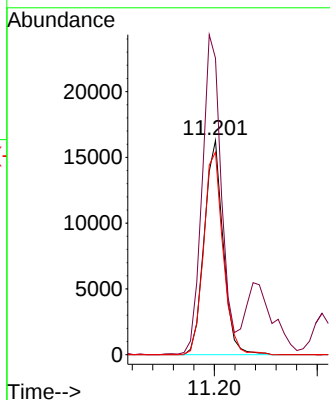
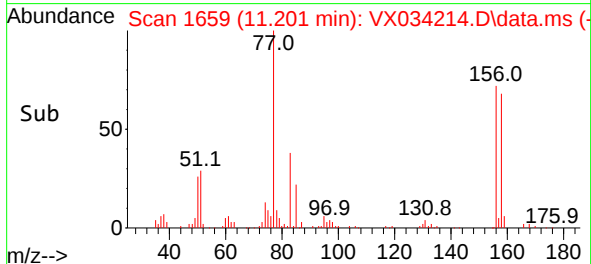
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023



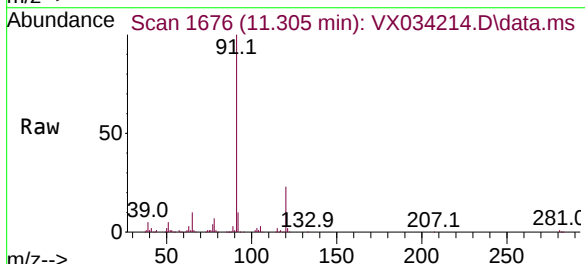
Tgt Ion:156 Resp: 20820  
Ion Ratio Lower Upper  
156 100  
77 150.8 68.1 204.3  
158 97.3 48.0 144.2

Manual Integrations  
APPROVED

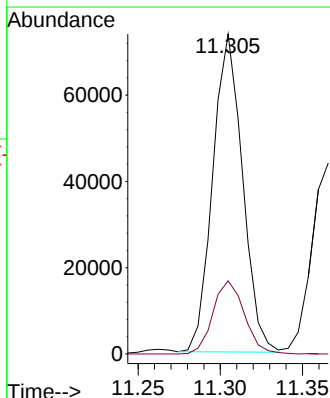
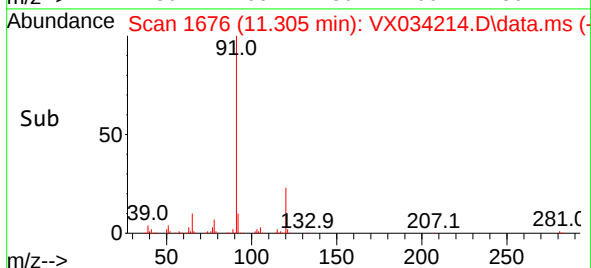
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023

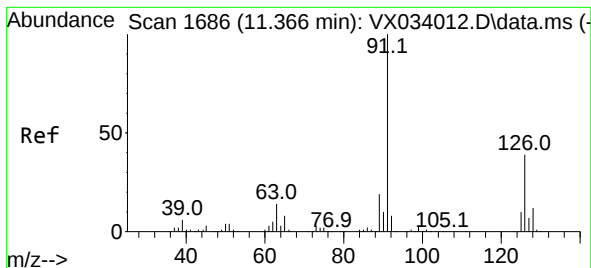


#78  
n-propylbenzene  
Concen: 4.850 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04



Tgt Ion: 91 Resp: 92624  
Ion Ratio Lower Upper  
91 100  
120 24.3 12.3 36.8





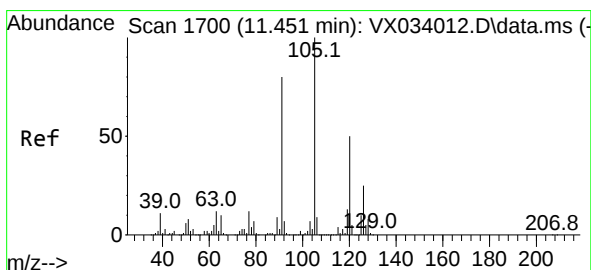
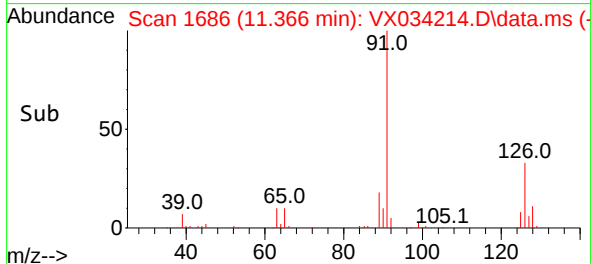
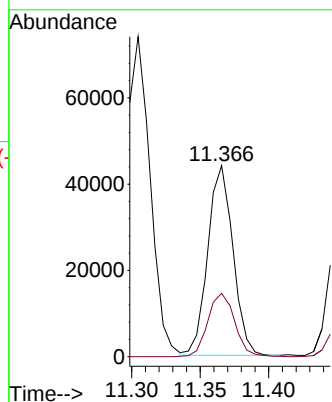
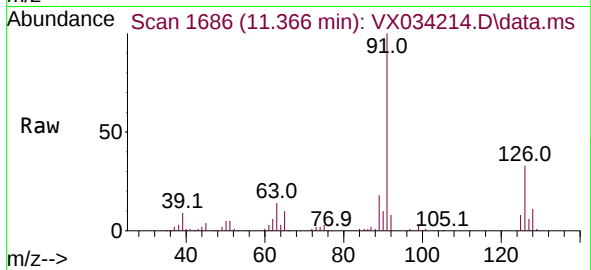
#79  
2-Chlorotoluene  
Concen: 4.796 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

Tgt Ion: 91 Resp: 56170  
Ion Ratio Lower Upper  
91 100  
126 35.7 18.1 54.1

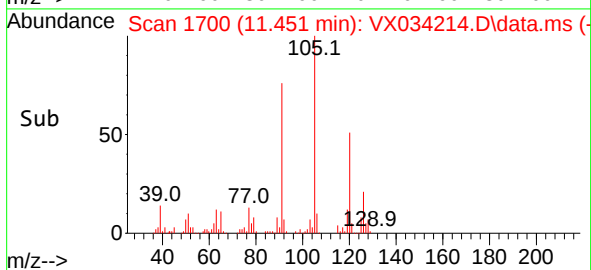
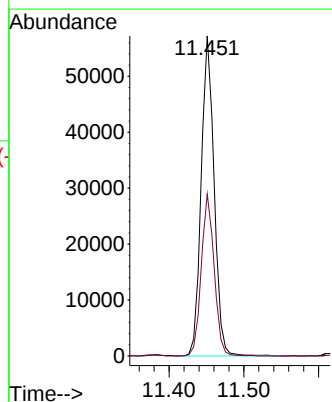
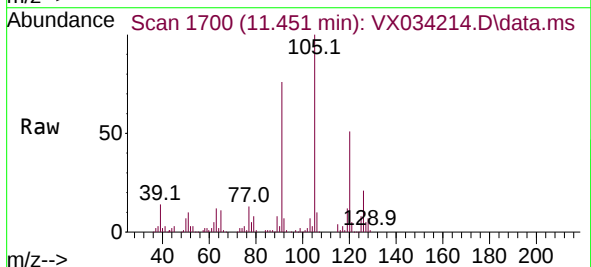
Manual Integrations  
APPROVED

Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#80  
1,3,5-Trimethylbenzene  
Concen: 4.976 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Tgt Ion:105 Resp: 68703  
Ion Ratio Lower Upper  
105 100  
120 50.4 25.6 76.8





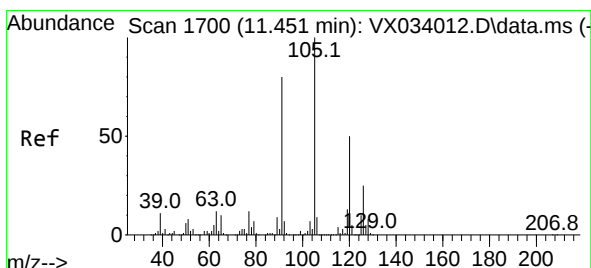
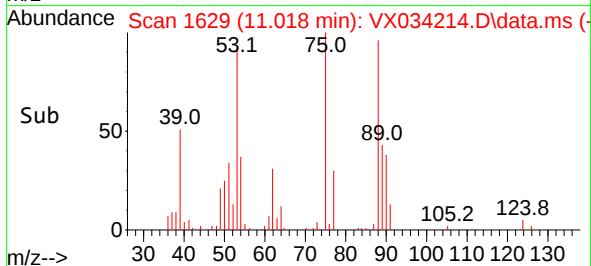
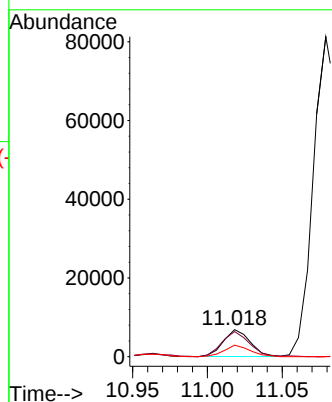
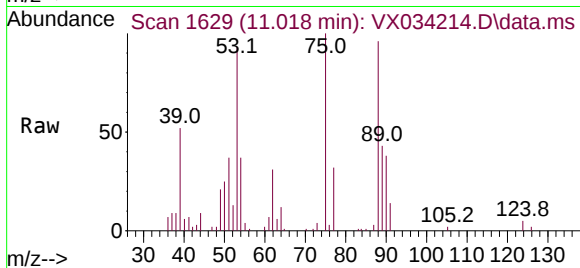
#81  
trans-1,4-Dichloro-2-butene  
Concen: 3.975 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Instrument : MSVOA\_X  
ClientSampleId : LOQ-WATER-02-QT1-2023

Tgt Ion: 75 Resp: 8389  
Ion Ratio Lower Upper  
75 100  
53 98.6 83.0 124.6  
89 42.3 37.7 56.5

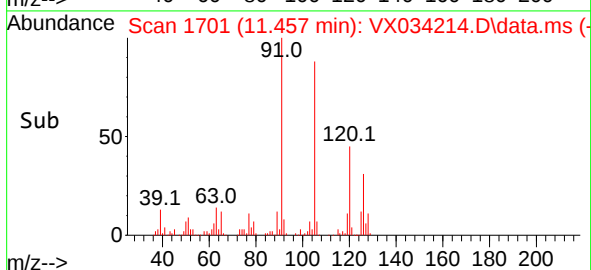
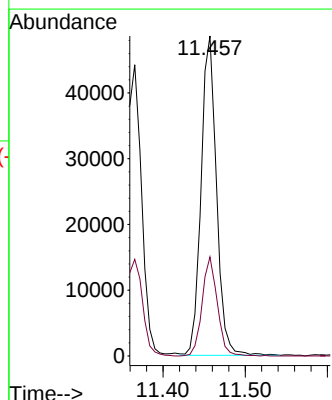
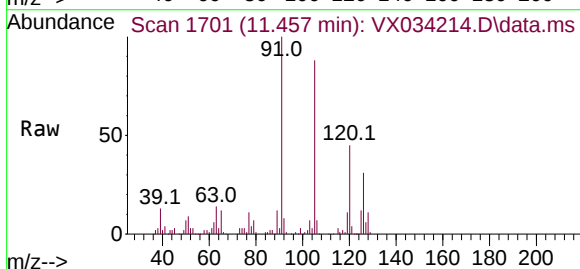
Manual Integrations  
APPROVED

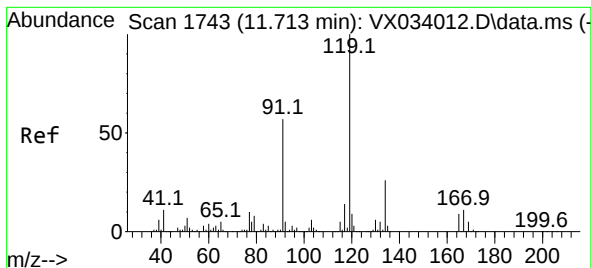
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#82  
4-Chlorotoluene  
Concen: 4.739 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

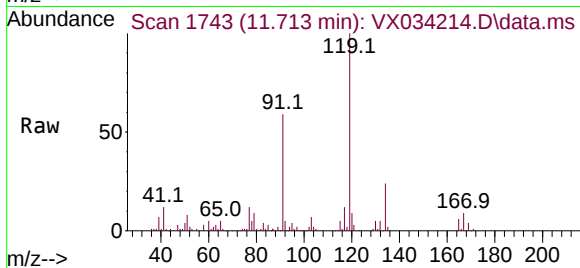
Tgt Ion: 91 Resp: 63216  
Ion Ratio Lower Upper  
91 100  
126 30.6 15.8 47.4





#83  
tert-Butylbenzene  
Concen: 5.061 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

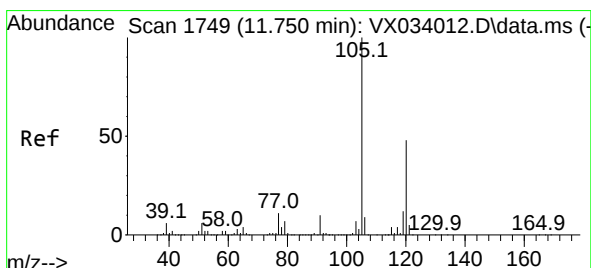
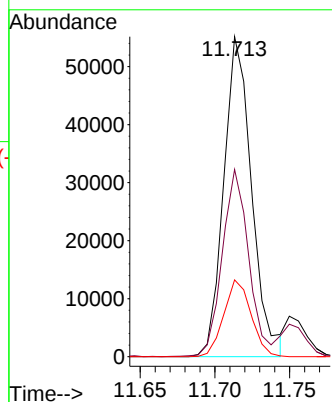
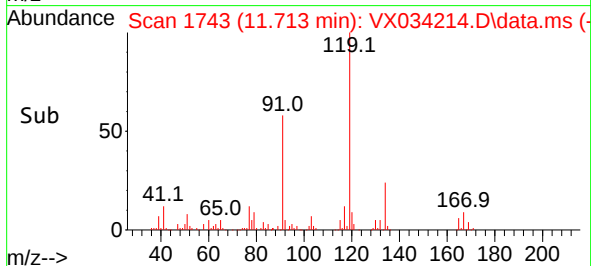
Instrument : MSVOA\_X  
ClientSampleId : LOQ-WATER-02-QT1-2023



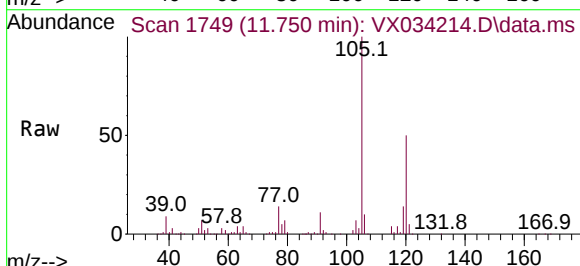
Tgt Ion:119 Resp: 7156  
Ion Ratio Lower Upper  
119 100  
91 55.4 26.9 80.7  
134 23.5 12.3 36.8

Manual Integrations  
APPROVED

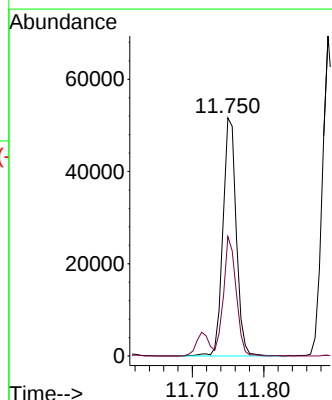
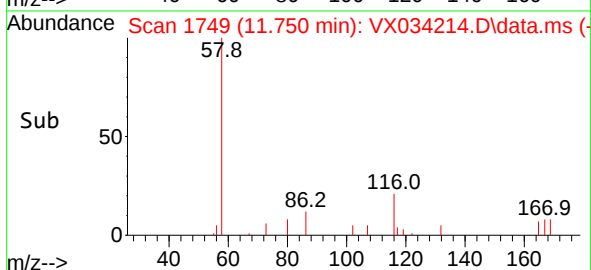
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023

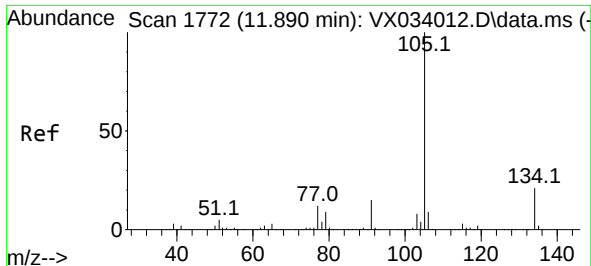


#84  
1,2,4-Trimethylbenzene  
Concen: 4.798 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04



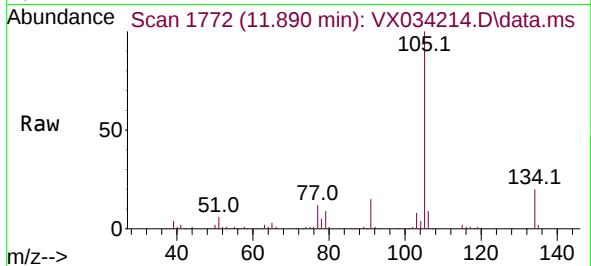
Tgt Ion:105 Resp: 66973  
Ion Ratio Lower Upper  
105 100  
120 47.2 23.4 70.2





#85  
 sec-Butylbenzene  
 Concen: 4.943 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX034214.D  
 Acq: 21 Feb 2023 17:04

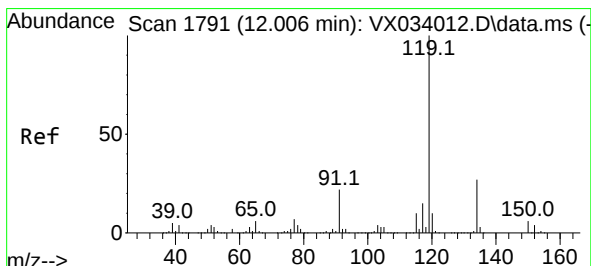
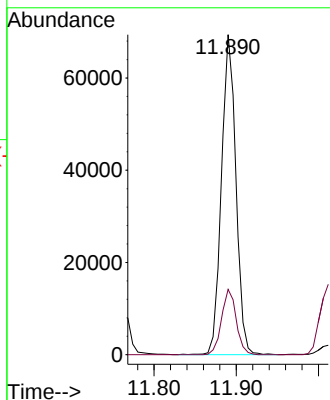
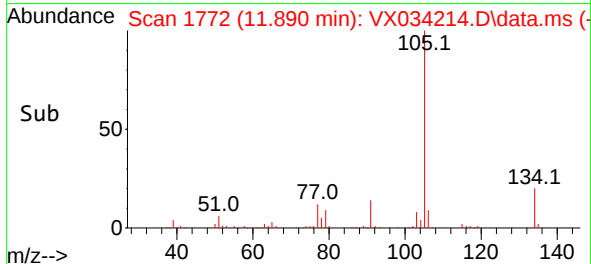
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2023



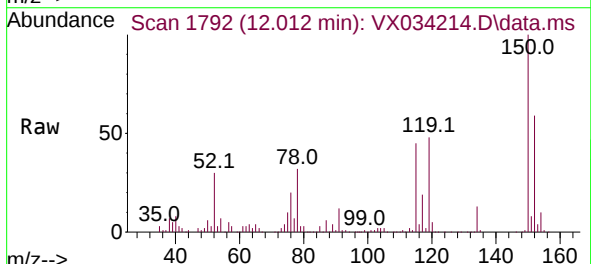
Tgt Ion:105 Resp: 8488  
 Ion Ratio Lower Upper  
 105 100  
 134 20.6 10.8 32.3

Manual Integrations  
 APPROVED

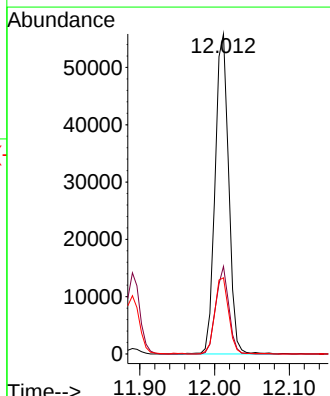
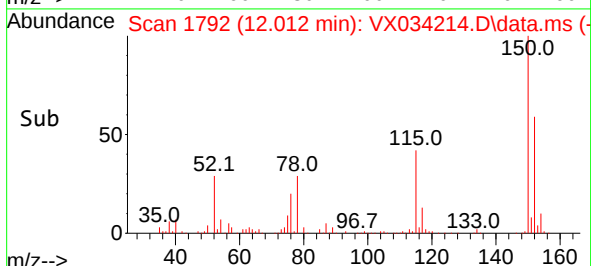
Reviewed By :John Carlone 02/22/2023  
 Supervised By :Mahesh Dadoda 02/22/2023

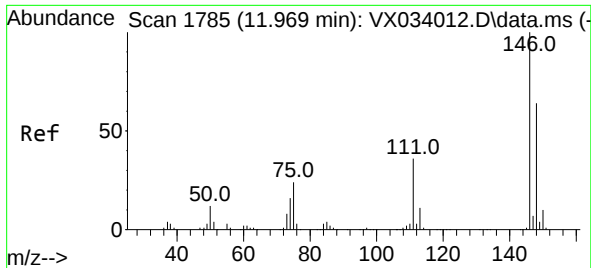


#86  
 p-Isopropyltoluene  
 Concen: 4.949 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX034214.D  
 Acq: 21 Feb 2023 17:04



Tgt Ion:119 Resp: 70337  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 13.6 40.8  
 91 24.6 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 5.061 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

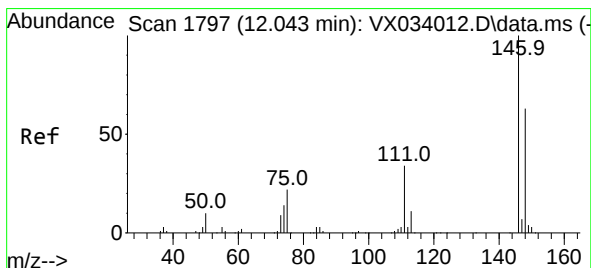
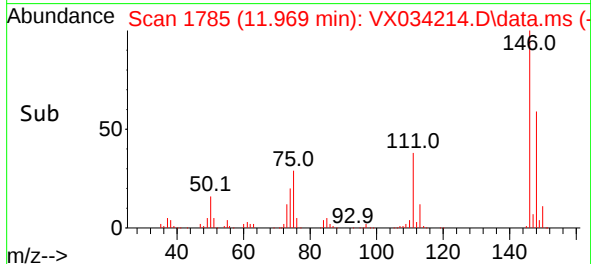
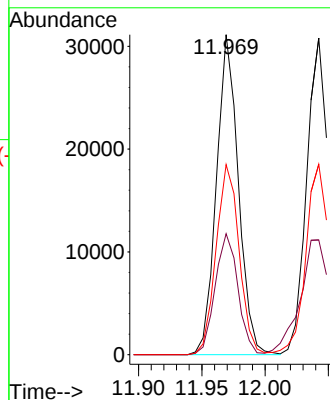
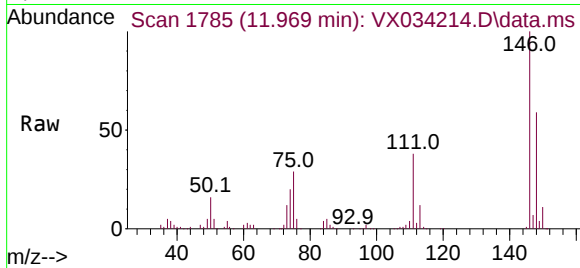
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 37512     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 39.4  | 18.6 55.6 |
| 148         | 62.3  | 31.9 95.5 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#88

1,4-Dichlorobenzene

Concen: 5.085 ug/l

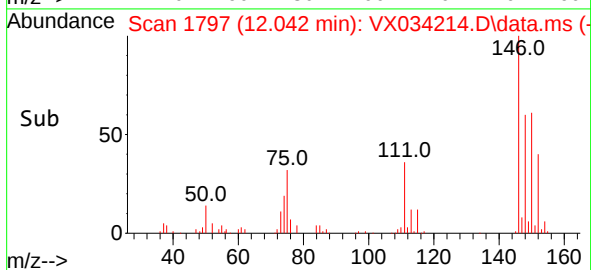
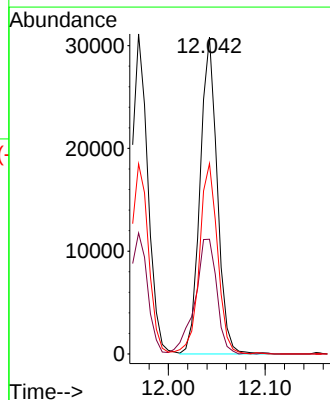
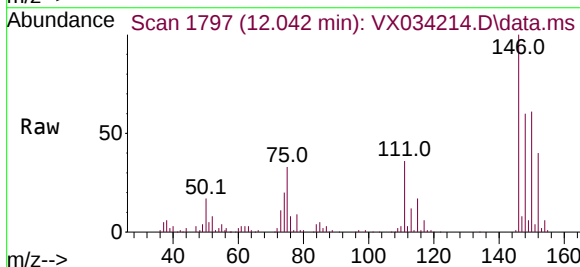
RT: 12.042 min Scan# 1797

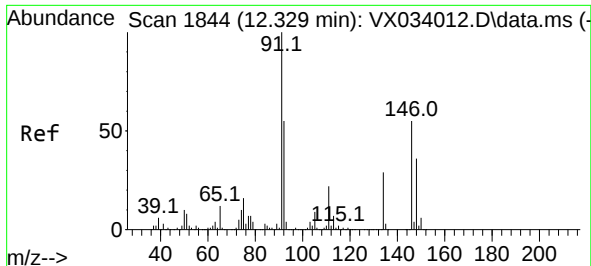
Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 38012     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 45.5  | 17.8 53.4 |
| 148         | 63.5  | 32.1 96.3 |





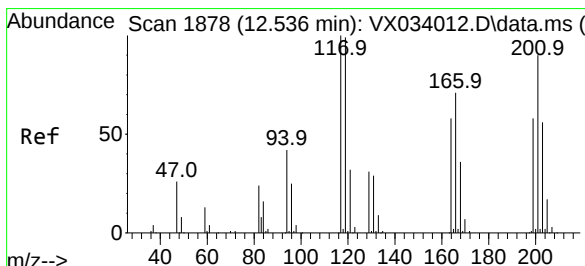
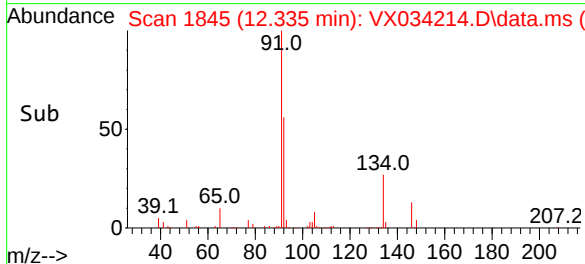
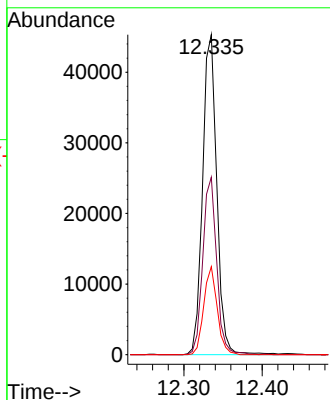
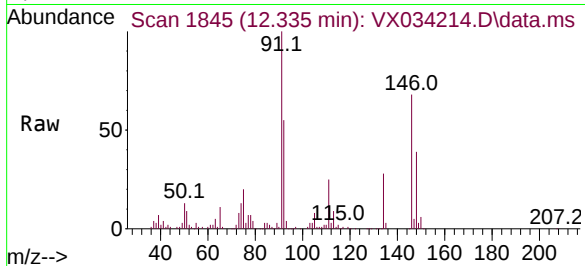
#89  
n-Butylbenzene  
Concen: 4.500 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

Tgt Ion: 91 Resp: 5695  
Ion Ratio Lower Upper  
91 100  
92 54.3 27.5 82.5  
134 26.1 14.3 42.9

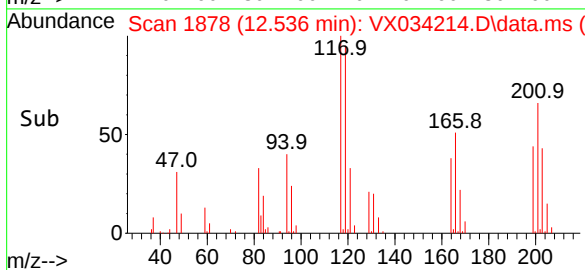
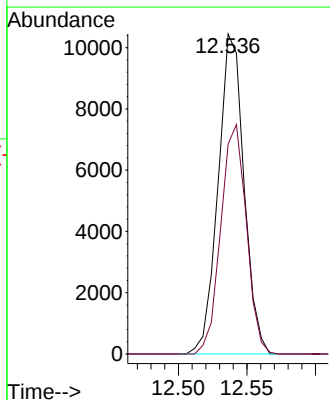
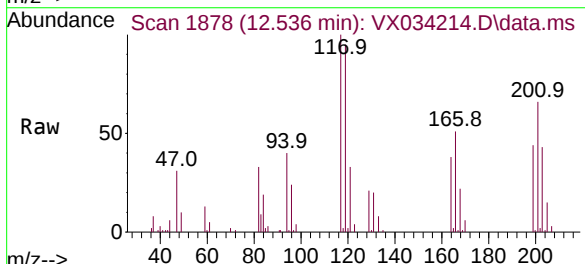
Manual Integrations  
APPROVED

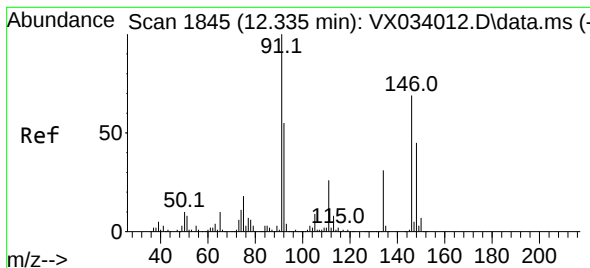
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#90  
Hexachloroethane  
Concen: 4.601 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Tgt Ion:117 Resp: 13670  
Ion Ratio Lower Upper  
117 100  
201 71.0 45.1 135.3





#91

1,2-Dichlorobenzene

Concen: 5.206 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

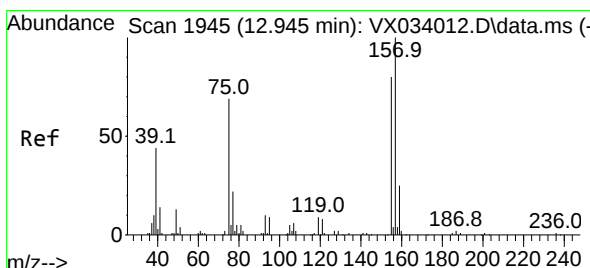
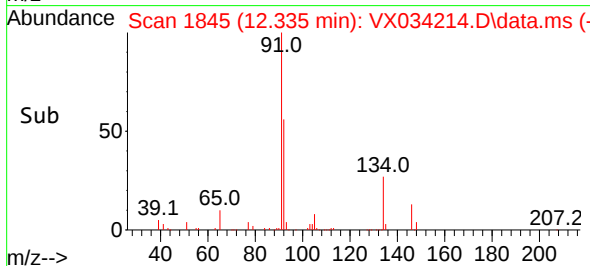
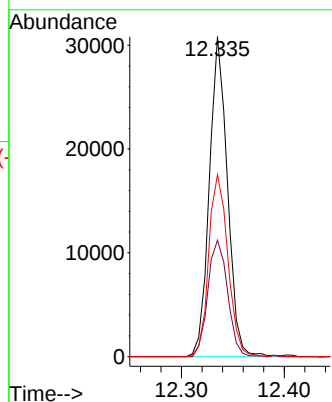
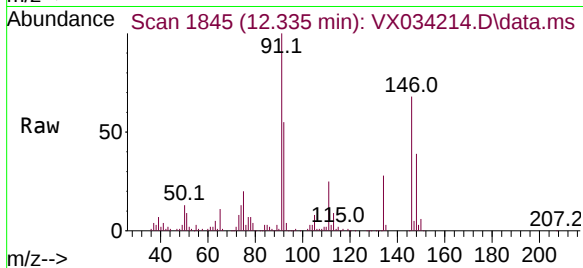
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 146   | Resp: | 3775 |
| Ion Ratio | Lower | Upper |      |
| 146       | 100   |       |      |
| 111       | 39.6  | 19.3  | 57.8 |
| 148       | 60.3  | 32.3  | 96.9 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.050 ug/l

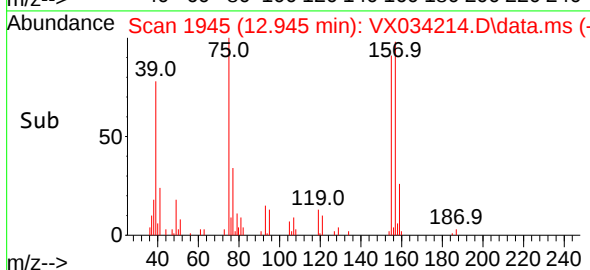
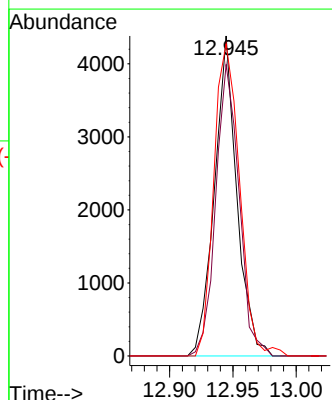
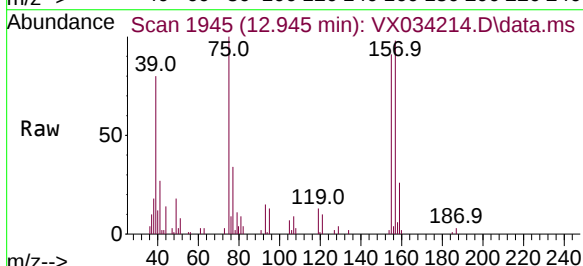
RT: 12.945 min Scan# 1945

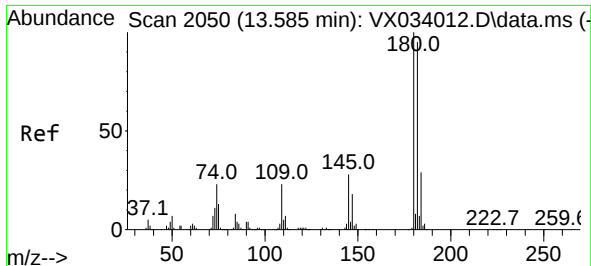
Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 5424  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 93.8  | 51.7  | 155.1 |
| 157       | 111.1 | 67.5  | 202.3 |





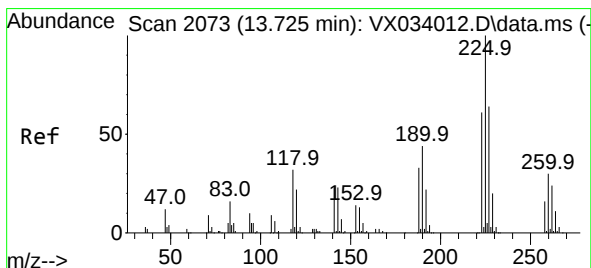
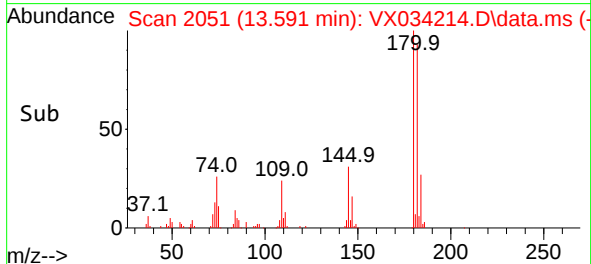
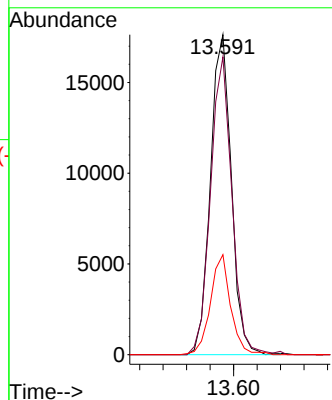
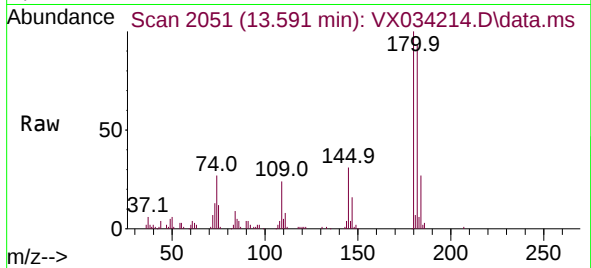
#93  
1,2,4-Trichlorobenzene  
Concen: 4.677 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

Tgt Ion:180 Resp: 2177  
Ion Ratio Lower Upper  
180 100  
182 95.3 47.9 143.6  
145 30.3 14.1 42.2

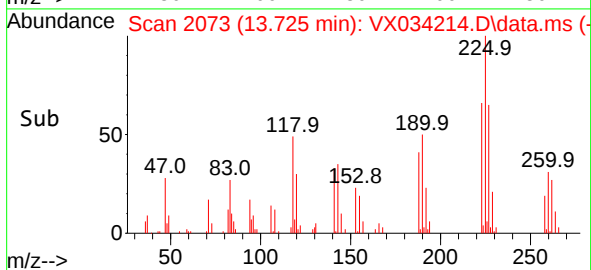
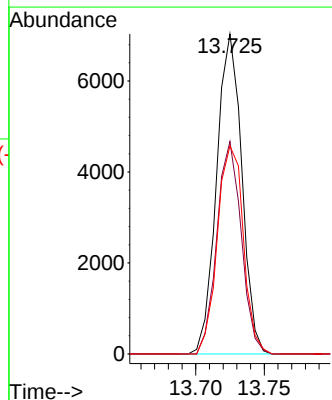
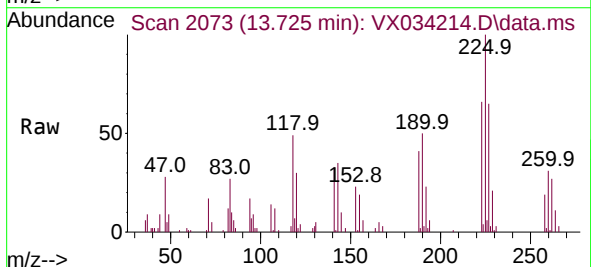
Manual Integrations  
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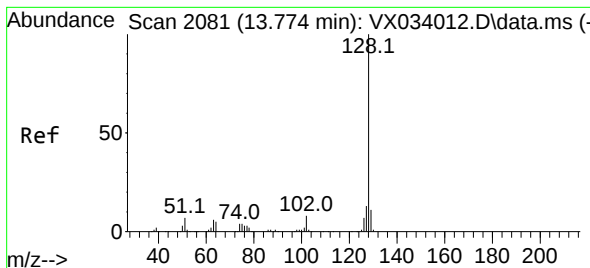
Reviewed By :John Carlone 02/22/2023  
Supervised By :Mahesh Dadoda 02/22/2023



#94  
Hexachlorobutadiene  
Concen: 4.655 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX034214.D  
Acq: 21 Feb 2023 17:04

Tgt Ion:225 Resp: 8984  
Ion Ratio Lower Upper  
225 100  
223 64.3 31.3 93.9  
227 66.8 32.3 96.9





#95

Naphthalene

Concen: 4.708 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

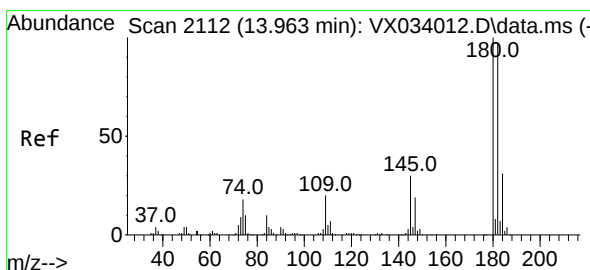
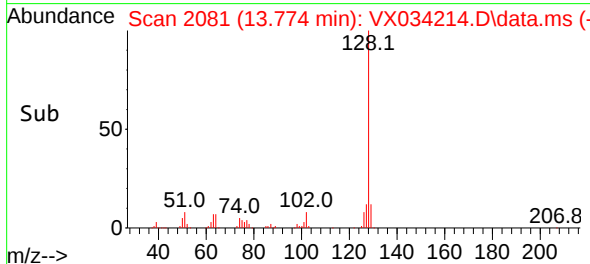
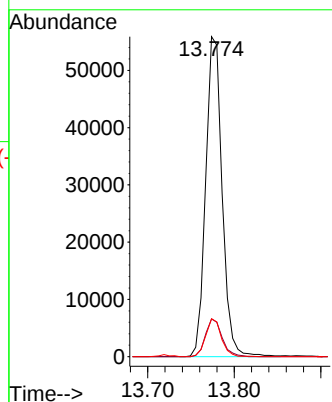
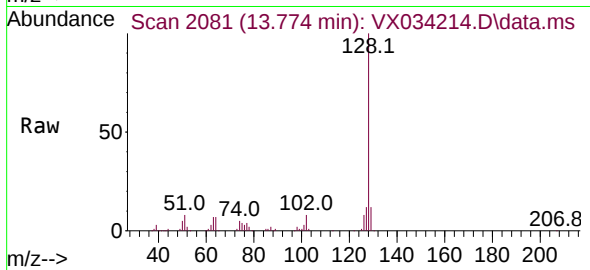
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 128   | Resp: | 7383 |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 127       | 11.9  | 10.3  | 15.5 |
| 129       | 11.3  | 8.7   | 13.1 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 4.829 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034214.D

Acq: 21 Feb 2023 17:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 22317 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 91.4  | 47.6  | 142.9 |
| 145       | 32.4  | 15.1  | 45.3  |

