

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022223\  
 Data File : VX034232.D  
 Acq On : 22 Feb 2023 16:32  
 Operator : JC/MD  
 Sample : 01627-09  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL-WATER-03-QT1-2023

Quant Time: Feb 23 03:21:31 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 23 03:17:23 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :John  
 Carlone

02/23/2023  
 Supervised By :Mahesh  
 Dadoda

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 306396   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 500312   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 442146   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 207337   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 179792   | 43.571   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 87.140% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 157012   | 48.200   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 96.400% |
| 50) Toluene-d8              | 8.647  | 98    | 576534   | 49.295   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 98.580% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 202224   | 45.204   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 90.400% |

|                              |       |     |       |        |        |     |
|------------------------------|-------|-----|-------|--------|--------|-----|
| Target Compounds             |       |     |       | Qvalue |        |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 1002  | 0.378  | ug/l   | 95  |
| 3) Chloromethane             | 1.294 | 50  | 2003  | 0.526  | ug/l   | 97  |
| 4) Vinyl Chloride            | 1.374 | 62  | 1627  | 0.469  | ug/l # | 86  |
| 5) Bromomethane              | 1.611 | 94  | 1143  | 0.830  | ug/l   | 91  |
| 6) Chloroethane              | 1.691 | 64  | 1253  | 0.718  | ug/l   | 91  |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 2224  | 0.474  | ug/l # | 81  |
| 8) Diethyl Ether             | 2.136 | 74  | 972   | 0.514  | ug/l # | 30  |
| 9) 1,1,2-Trichlorotrifluo... | 2.343 | 101 | 1204  | 0.364  | ug/l   | 95  |
| 10) Methyl Iodide            | 2.453 | 142 | 1369  | 0.340  | ug/l   | 92  |
| 11) Tert butyl alcohol       | 2.941 | 59  | 3046  | 3.300  | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 2.325 | 96  | 1473  | 0.444  | ug/l # | 62  |
| 13) Acrolein                 | 2.239 | 56  | 1106  | 2.625  | ug/l # | 83  |
| 14) Allyl chloride           | 2.666 | 41  | 3313  | 0.471  | ug/l # | 78  |
| 15) Acrylonitrile            | 3.075 | 53  | 3905  | 1.940  | ug/l   | 96  |
| 16) Acetone                  | 2.386 | 43  | 4162  | 1.955  | ug/l   | 97  |
| 17) Carbon Disulfide         | 2.514 | 76  | 3868  | 0.406  | ug/l   | 98  |
| 18) Methyl Acetate           | 2.703 | 43  | 2911  | 0.442  | ug/l # | 88  |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 4707  | 0.402  | ug/l # | 88  |
| 20) Methylene Chloride       | 2.794 | 84  | 2243  | 0.585  | ug/l   | 89  |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 1428  | 0.411  | ug/l   | 94  |
| 22) Diisopropyl ether        | 3.764 | 45  | 5040  | 0.409  | ug/l # | 83  |
| 23) Vinyl Acetate            | 3.727 | 43  | 19085 | 1.933  | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 2447  | 0.362  | ug/l   | 96  |
| 25) 2-Butanone               | 4.574 | 43  | 6148  | 1.996  | ug/l # | 77  |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 2396  | 0.391  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 1644  | 0.400  | ug/l   | 93  |
| 28) Bromochloromethane       | 4.898 | 49  | 1187  | 0.393  | ug/l # | 88  |
| 29) Tetrahydrofuran          | 5.026 | 42  | 3587  | 1.909  | ug/l   | 99  |
| 30) Chloroform               | 5.099 | 83  | 2764  | 0.425  | ug/l   | 95  |
| 31) Cyclohexane              | 5.464 | 56  | 2586  | 0.420  | ug/l # | 85  |
| 32) 1,1,1-Trichloroethane    | 5.410 | 97  | 2245  | 0.385  | ug/l # | 23  |
| 36) 1,1-Dichloropropene      | 5.702 | 75  | 1997  | 0.415  | ug/l # | 55  |
| 37) Ethyl Acetate            | 4.733 | 43  | 3174m | 0.590  | ug/l   |     |
| 38) Carbon Tetrachloride     | 5.678 | 117 | 1923  | 0.388  | ug/l # | 80  |
| 39) Methylcyclohexane        | 7.379 | 83  | 2274  | 0.367  | ug/l   | 95  |
| 40) Benzene                  | 6.038 | 78  | 6025  | 0.422  | ug/l   | 96  |

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 Operator : JC/MD  
 Sample : 01627-09  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL-WATER-03-QT1-2023

Quant Time: Feb 23 03:21:31 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 23 03:17:23 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :John  
 Carlone

02/23/2023  
 Supervised By :Mahesh  
 Dadoda

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 41) Methacrylonitrile         | 4.934  | 41   | 1307m    | 0.436 | ug/l   |          |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 2230     | 0.444 | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.355  | 43   | 3956     | 0.416 | ug/l # | 82       |
| 44) Trichloroethene           | 7.129  | 130  | 1670     | 0.456 | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 1517     | 0.399 | ug/l   | 100      |
| 46) Dibromomethane            | 7.592  | 93   | 1003     | 0.401 | ug/l   | 87       |
| 47) Bromodichloromethane      | 7.830  | 83   | 1953     | 0.380 | ug/l   | 90       |
| 48) Methyl methacrylate       | 7.714  | 41   | 1664     | 0.369 | ug/l # | 83       |
| 49) 1,4-Dioxane               | 7.702  | 88   | 817      | 9.083 | ug/l # | 73       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 10536    | 2.016 | ug/l   | 96       |
| 52) Toluene                   | 8.720  | 92   | 3622     | 0.419 | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 8.988  | 75   | 1787     | 0.302 | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 2207     | 0.349 | ug/l # | 70       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 1417     | 0.406 | ug/l # | 94       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 2047     | 0.347 | ug/l # | 69       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 2405     | 0.396 | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 4871     | 1.904 | ug/l   | 100      |
| 59) 2-Hexanone                | 9.439  | 43   | 7269     | 1.825 | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.525  | 129  | 1431     | 0.371 | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.616  | 107  | 1477     | 0.400 | ug/l   | 94       |
| 64) Tetrachloroethene         | 9.275  | 164  | 1330     | 0.426 | ug/l # | 64       |
| 65) Chlorobenzene             | 10.079 | 112  | 4112     | 0.446 | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 1431     | 0.401 | ug/l # | 67       |
| 67) Ethyl Benzene             | 10.195 | 91   | 6410     | 0.387 | ug/l   | 95       |
| 68) m/p-Xylenes               | 10.305 | 106  | 5172     | 0.816 | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 2585     | 0.410 | ug/l   | 94       |
| 70) Styrene                   | 10.659 | 104  | 3614     | 0.352 | ug/l   | 91       |
| 71) Bromoform                 | 10.799 | 173  | 956      | 0.328 | ug/l # | 96       |
| 73) Isopropylbenzene          | 10.963 | 105  | 6302     | 0.399 | ug/l   | 100      |
| 74) N-amyl acetate            | 10.848 | 43   | 3026     | 0.381 | ug/l # | 87       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 1935     | 0.358 | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 1827m    | 0.350 | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 1459     | 0.384 | ug/l   | 77       |
| 78) n-propylbenzene           | 11.305 | 91   | 6911     | 0.376 | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 4581     | 0.407 | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 4879     | 0.367 | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 280m     | 0.138 | ug/l   |          |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 5070     | 0.395 | ug/l   | 92       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 5022     | 0.369 | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 5036     | 0.375 | ug/l   | 95       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 6201     | 0.375 | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 4994     | 0.365 | ug/l # | 85       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 2910     | 0.408 | ug/l   | 93       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 3253m    | 0.452 | ug/l   |          |
| 89) n-Butylbenzene            | 12.335 | 91   | 3994     | 0.328 | ug/l   | 96       |
| 90) Hexachloroethane          | 12.536 | 117  | 888      | 0.311 | ug/l   | 71       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 2797     | 0.401 | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 425      | 0.330 | ug/l   | 65       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 1759     | 0.393 | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 593      | 0.319 | ug/l   | 69       |
| 95) Naphthalene               | 13.780 | 128  | 7474     | 0.495 | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 1639     | 0.369 | ug/l   | 93       |

02/23/2023

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022223\  
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Acq On : 22 Feb 2023 16:32  
Operator : JC/MD  
Sample : 01627-09  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 23 03:21:31 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 23 03:17:23 2023  
Response via : Initial Calibration

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023

Manual Integrations  
APPROVED

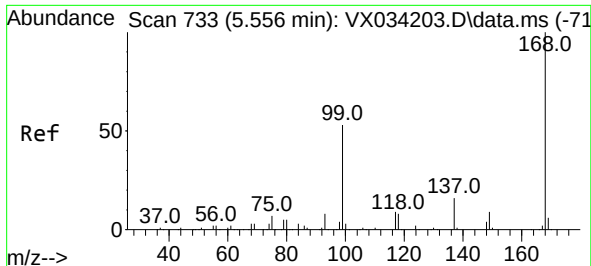
Reviewed By :John  
Carlone

02/23/2023  
Supervised By :Mahesh  
Dadoda

02/23/2023

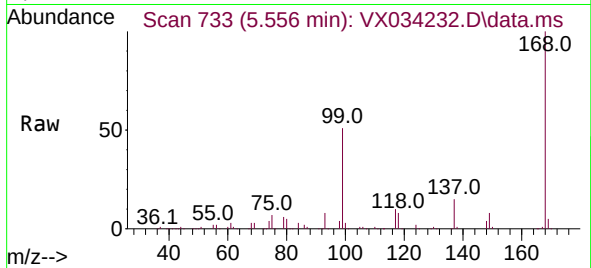
| Compound                                                                    | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                       |      |      |          |      |       |          |
| (# ) = 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: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023



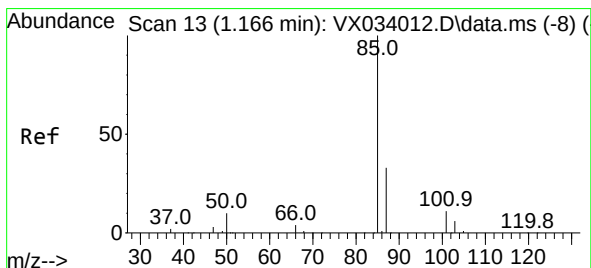
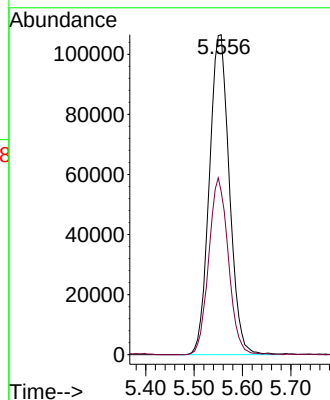
Tgt Ion:168 Resp: 306390  
Ion Ratio Lower Upper  
168 100  
99 51.0 39.6 59.4

Manual Integrations  
APPROVED

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Carlone

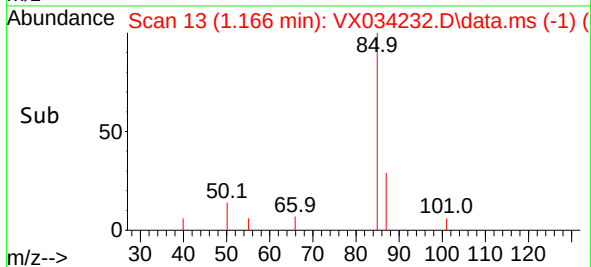
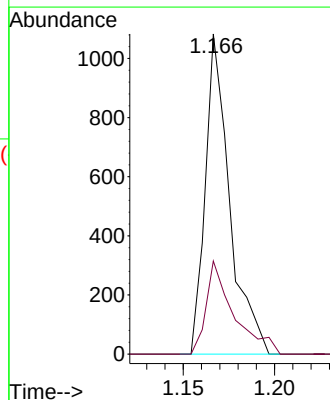
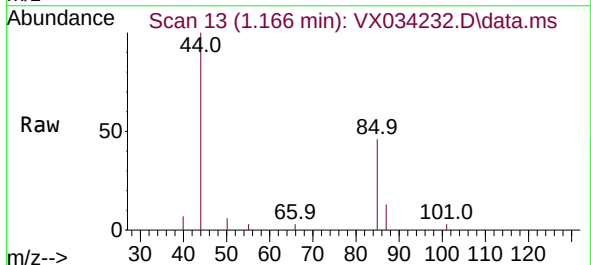
02/23/2023  
Supervised By :Mahesh  
Dadoda

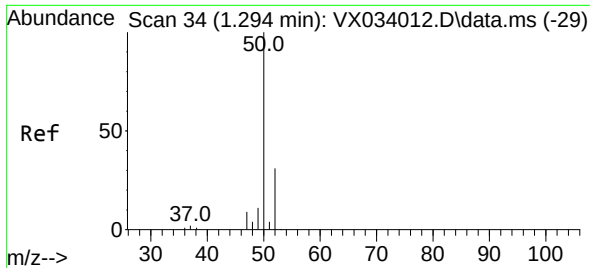
02/23/2023



#2  
Dichlorodifluoromethane  
Concen: 0.378 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

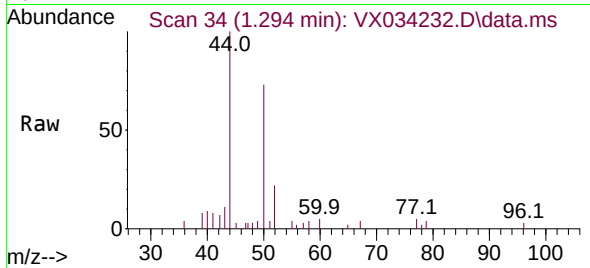
Tgt Ion: 85 Resp: 1002  
Ion Ratio Lower Upper  
85 100  
87 29.1 15.8 47.4





#3  
Chloromethane  
Concen: 0.526 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument : MSVOA\_X  
ClientSampleId : MDL-WATER-03-QT1-2023



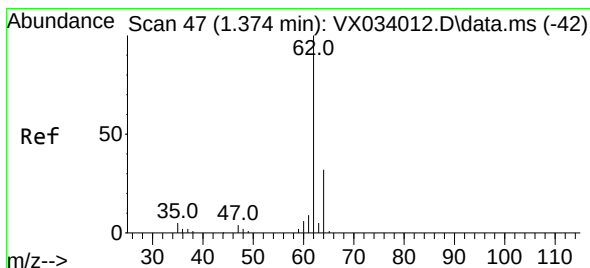
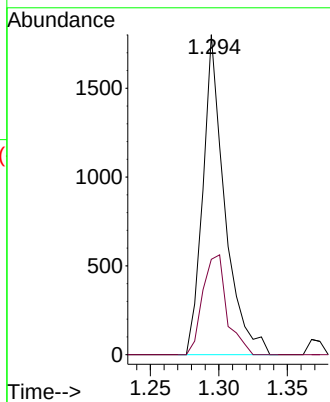
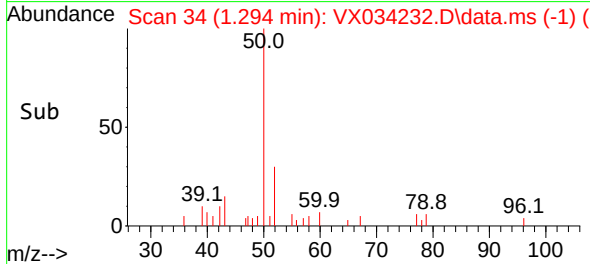
Tgt Ion: 50 Resp: 200  
Ion Ratio Lower Upper  
50 100  
52 29.8 25.2 37.8

Manual Integrations  
APPROVED

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Carlone

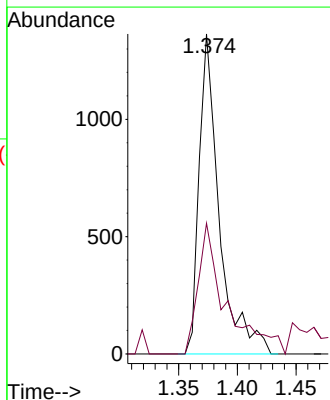
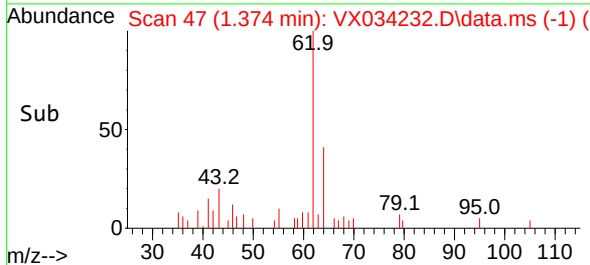
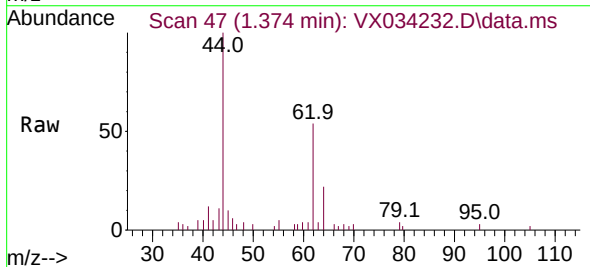
02/23/2023  
Supervised By :Mahesh  
Dadoda

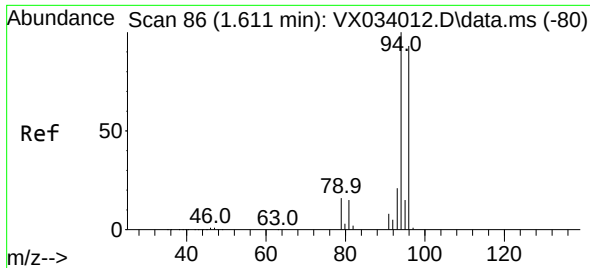
02/23/2023



#4  
Vinyl Chloride  
Concen: 0.469 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

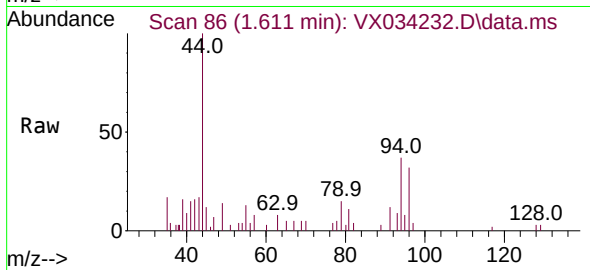
Tgt Ion: 62 Resp: 1627  
Ion Ratio Lower Upper  
62 100  
64 40.8 26.2 39.4





#5  
Bromomethane  
Concen: 0.830 ug/l  
RT: 1.611 min Scan# 80  
Delta R.T. 0.012 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023



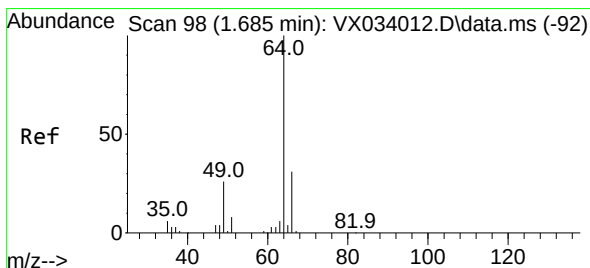
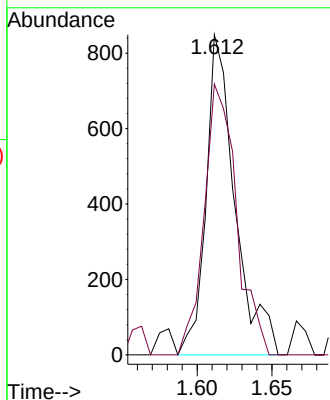
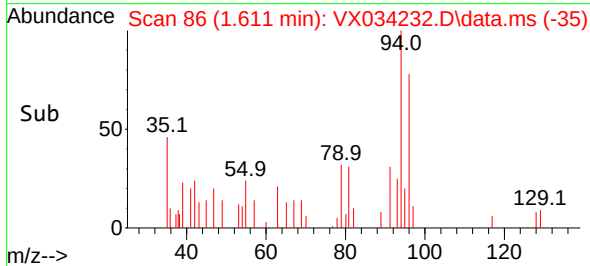
Tgt Ion: 94 Resp: 114  
Ion Ratio Lower Upper  
94 100  
96 84.6 74.3 111.5

Manual Integrations  
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Carlone

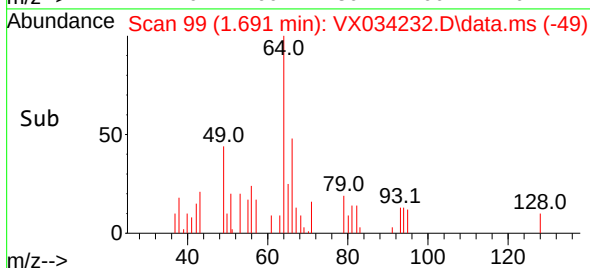
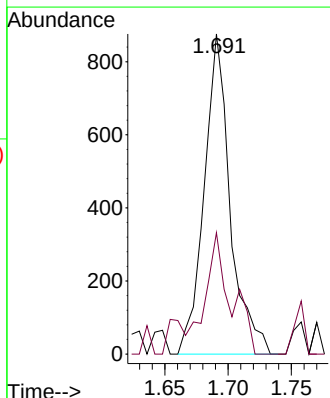
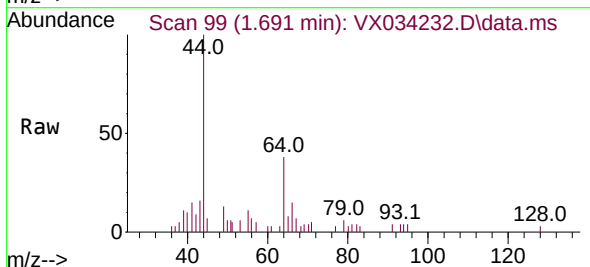
02/23/2023  
Supervised By :Mahesh  
Dadoda

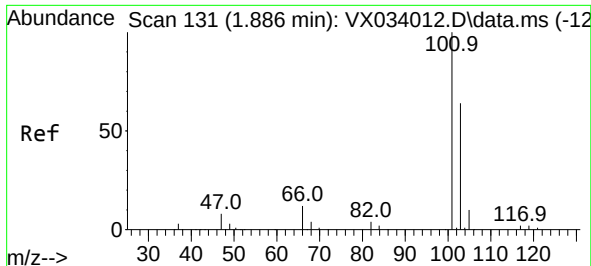
02/23/2023



#6  
Chloroethane  
Concen: 0.718 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.006 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

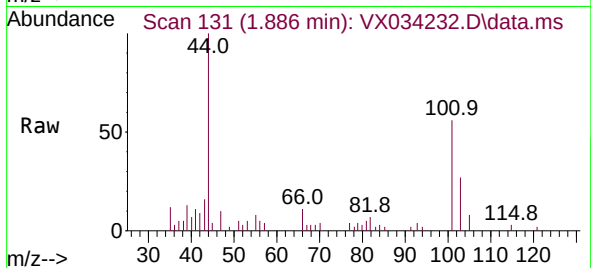
Tgt Ion: 64 Resp: 1253  
Ion Ratio Lower Upper  
64 100  
66 37.9 26.1 39.1





#7  
Trichlorofluoromethane  
Concen: 0.474 ug/l  
RT: 1.886 min Scan# 111  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023



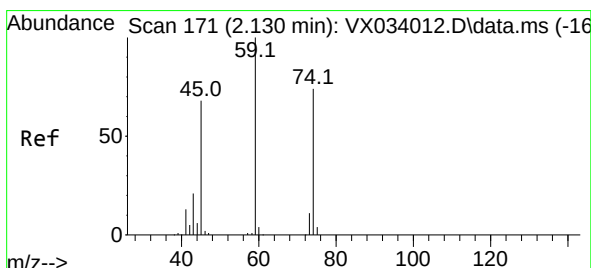
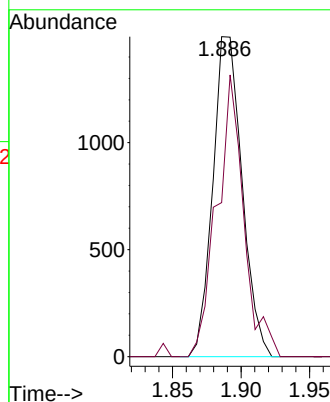
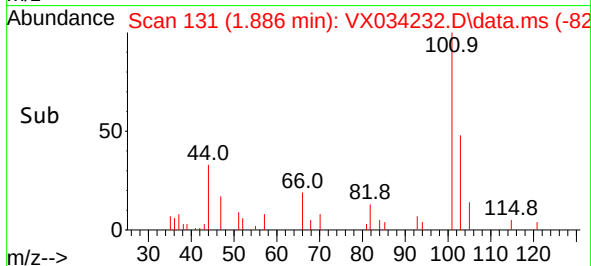
Tgt Ion:101 Resp: 2224  
Ion Ratio Lower Upper  
101 100  
103 48.2 50.6 75.8

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

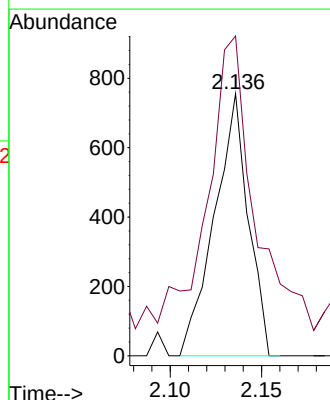
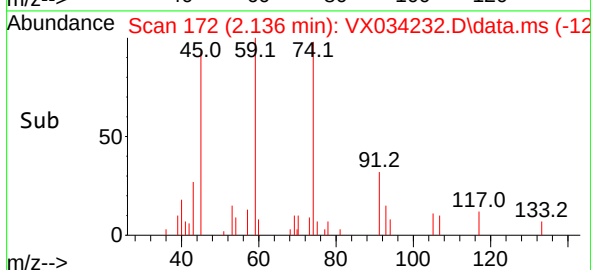
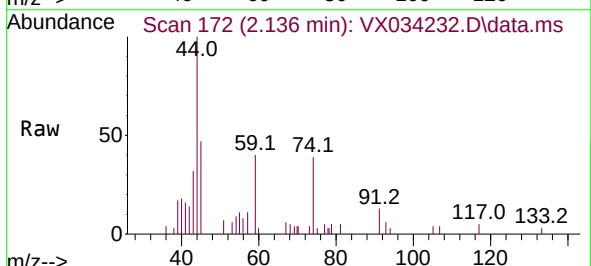
02/23/2023  
Supervised By :Mahesh  
Dadoda

02/23/2023

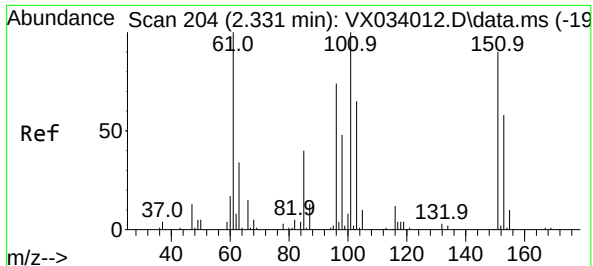


#8  
Diethyl Ether  
Concen: 0.514 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.006 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Tgt Ion: 74 Resp: 972  
Ion Ratio Lower Upper  
74 100  
45 174.0 51.5 154.5







#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.364 ug/l  
RT: 2.343 min Scan# 204  
Delta R.T. 0.012 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023

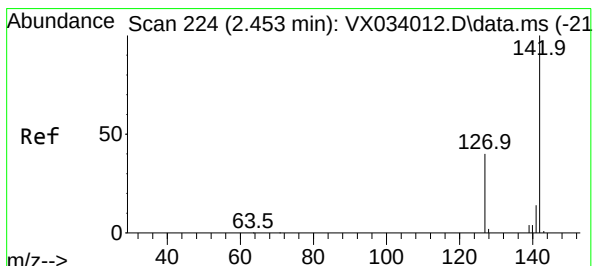
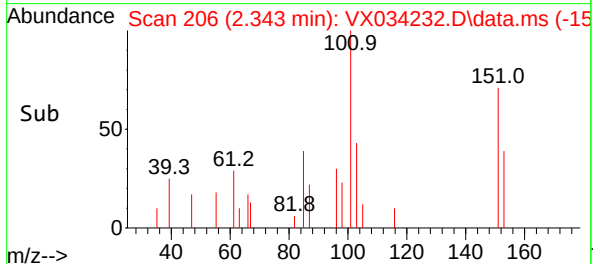
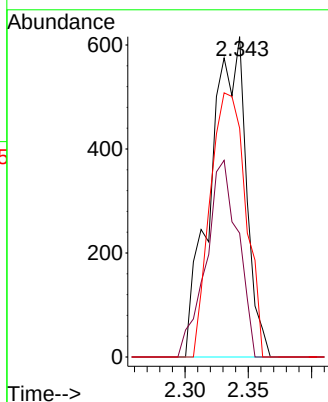
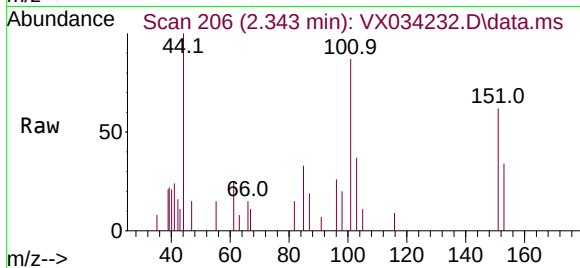
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 1204  |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 55.0  | 36.7  | 55.1  |
| 151      | 82.4  | 66.5  | 99.7  |

Manual Integrations  
**APPROVED**

Reviewed By :John  
Carlone

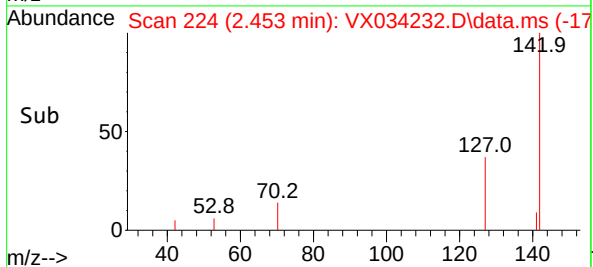
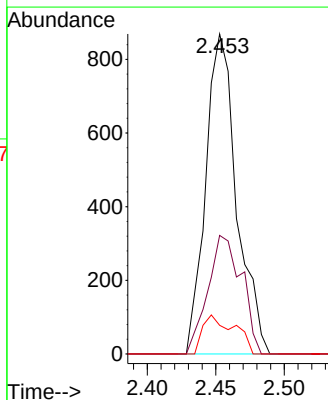
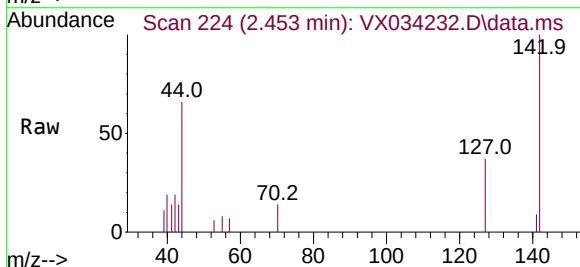
02/23/2023  
Supervised By :Mahesh  
Dadoda

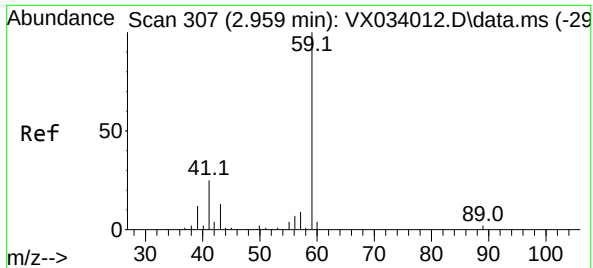
02/23/2023



#10  
Methyl Iodide  
Concen: 0.340 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 1369  |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 40.2  | 37.3  | 55.9  |
| 141      | 12.4  | 11.5  | 17.3  |





#11

Tert butyl alcohol

Concen: 3.300 ug/l

RT: 2.941 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 59 Resp: 3040  
 Ion Ratio Lower Upper  
 59 100  
 57 4.3 3.7 5.5

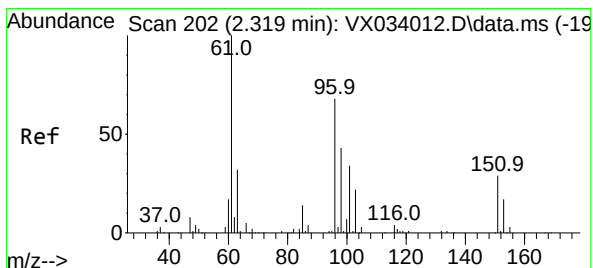
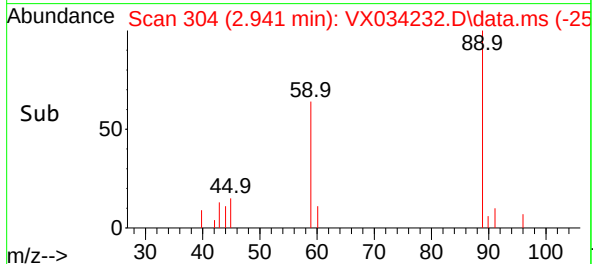
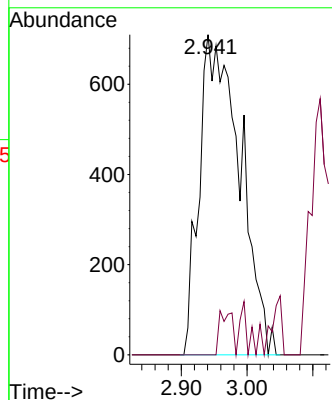
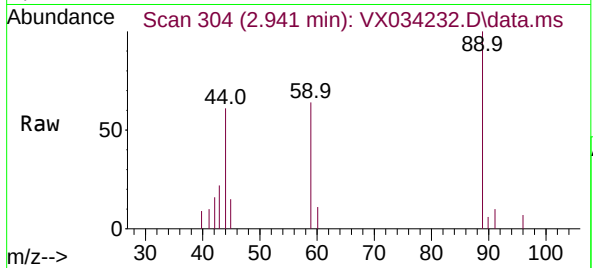
Manual Integrations  
 APPROVED

Reviewed By :John  
 Carlone

02/23/2023

Supervised By :Mahesh  
 Dadoda

02/23/2023



#12

1,1-Dichloroethene

Concen: 0.444 ug/l

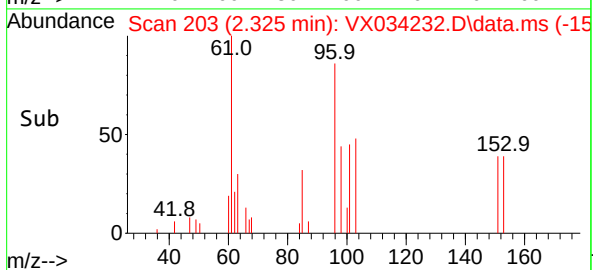
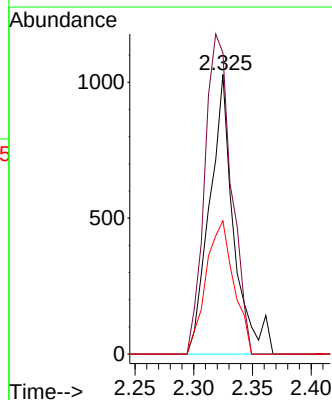
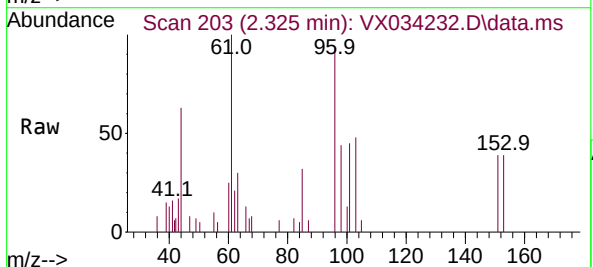
RT: 2.325 min Scan# 203

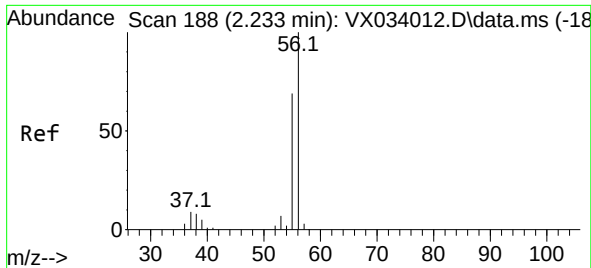
Delta R.T. 0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

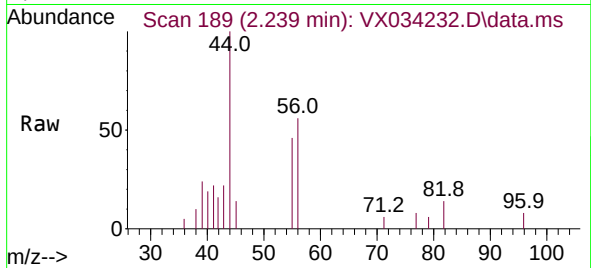
Tgt Ion: 96 Resp: 1473  
 Ion Ratio Lower Upper  
 96 100  
 61 107.7 134.2 201.4#  
 98 47.6 50.2 75.2#





#13  
Acrolein  
Concen: 2.625 ug/l  
RT: 2.239 min Scan# 188  
Delta R.T. 0.006 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument : MSVOA\_X  
ClientSampleId : MDL-WATER-03-QT1-2023



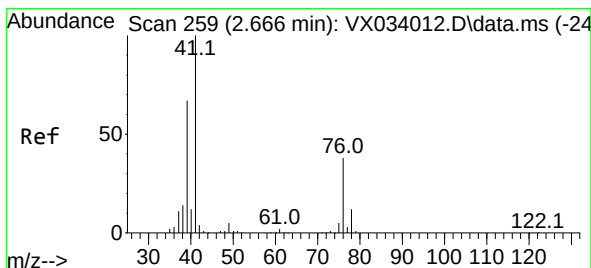
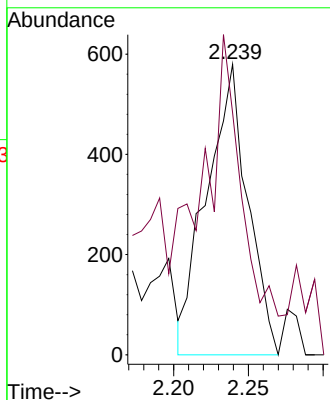
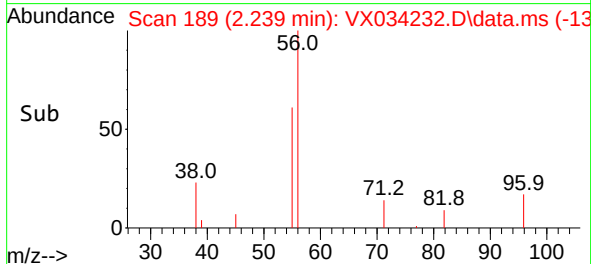
Tgt Ion: 56 Resp: 1100  
Ion Ratio Lower Upper  
56 100  
55 84.6 56.3 84.5

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

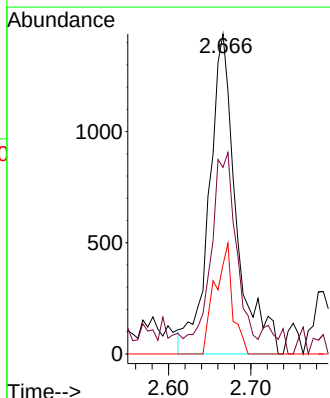
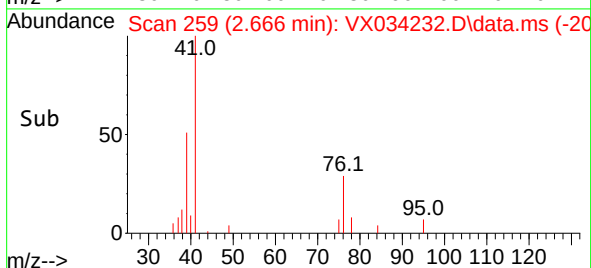
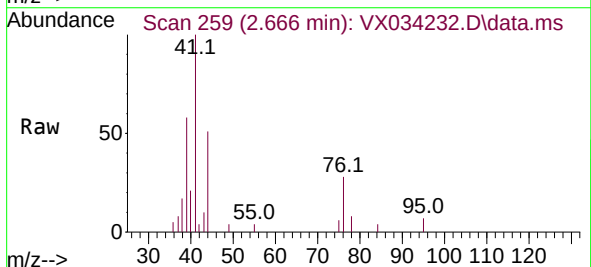
02/23/2023  
Supervised By :Mahesh  
Dadoda

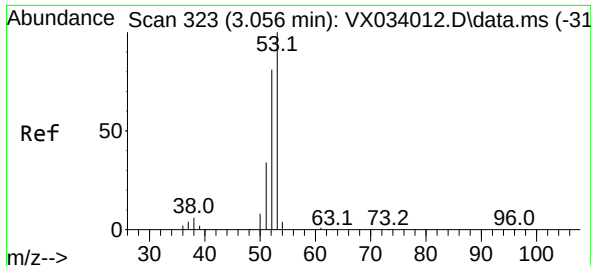
02/23/2023



#14  
Allyl chloride  
Concen: 0.471 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.006 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

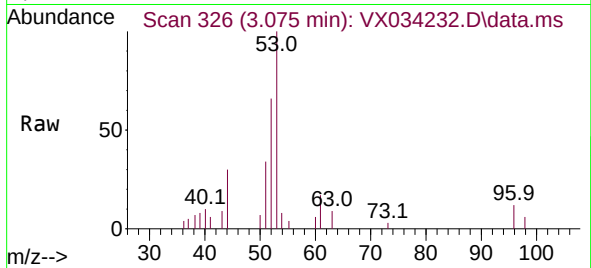
Tgt Ion: 41 Resp: 3313  
Ion Ratio Lower Upper  
41 100  
39 52.7 59.0 88.4#  
76 22.5 24.6 37.0#





#15  
Acrylonitrile  
Concen: 1.940 ug/l  
RT: 3.075 min Scan# 31  
Delta R.T. 0.018 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023



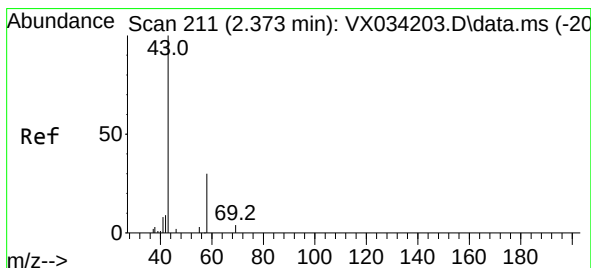
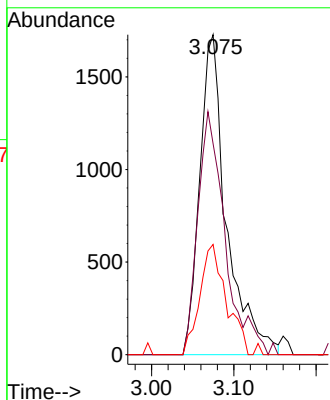
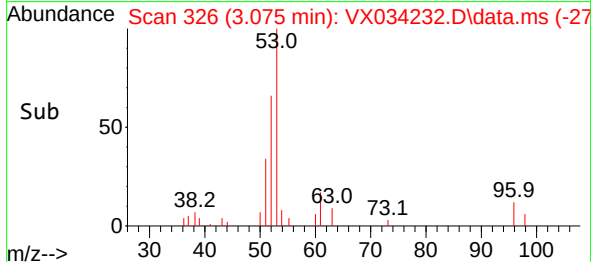
Tgt Ion: 53 Resp: 390  
Ion Ratio Lower Upper  
53 100  
52 78.0 65.7 98.5  
51 34.2 29.0 43.4

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

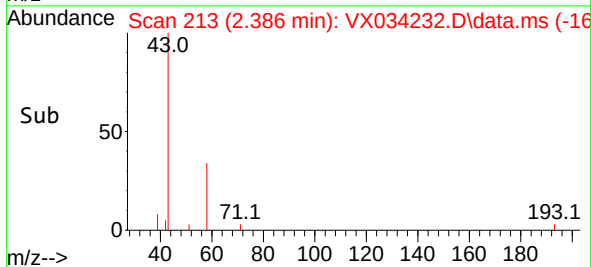
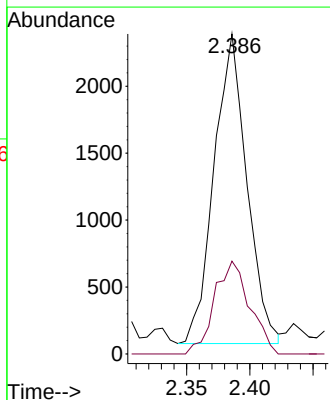
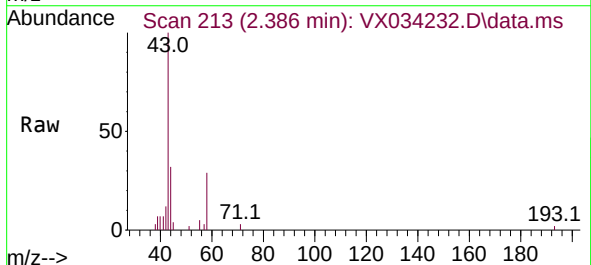
02/23/2023  
Supervised By :Mahesh  
Dadoda

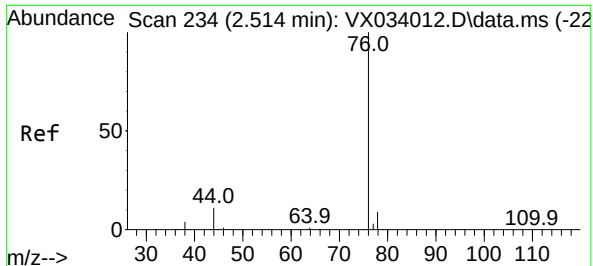
02/23/2023



#16  
Acetone  
Concen: 1.955 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.012 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

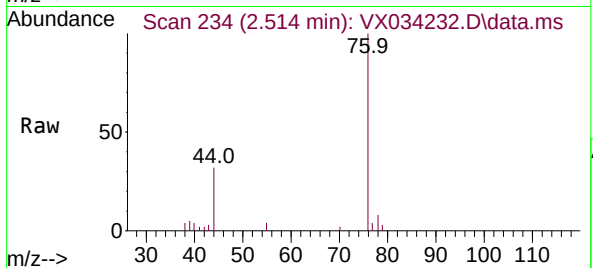
Tgt Ion: 43 Resp: 4162  
Ion Ratio Lower Upper  
43 100  
58 30.0 22.6 33.8





#17  
Carbon Disulfide  
Concen: 0.406 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023



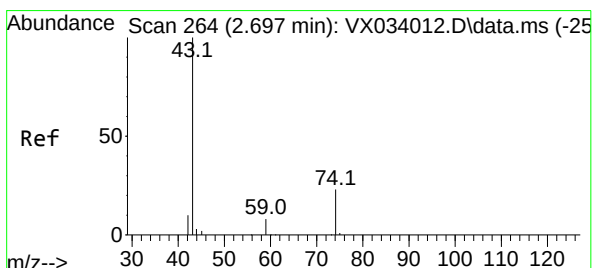
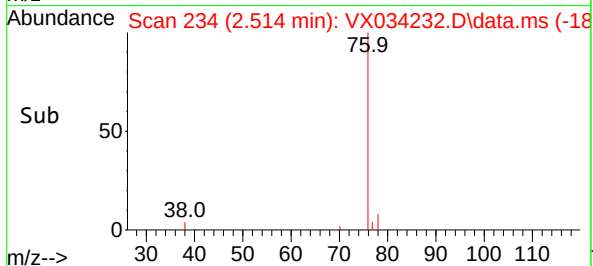
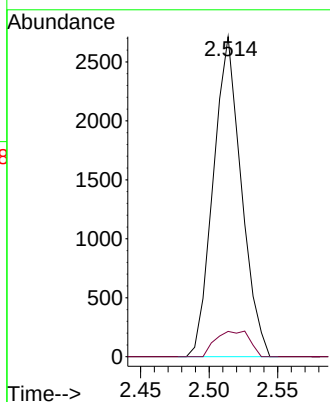
Tgt Ion: 76 Resp: 386  
Ion Ratio Lower Upper  
76 100  
78 7.9 7.0 10.6

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

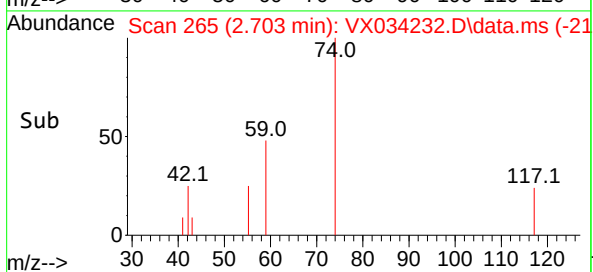
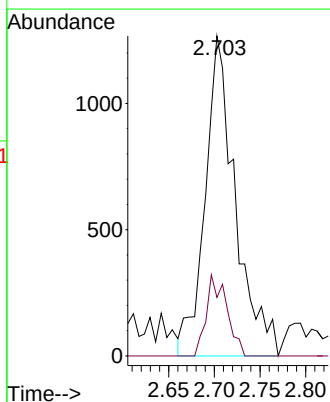
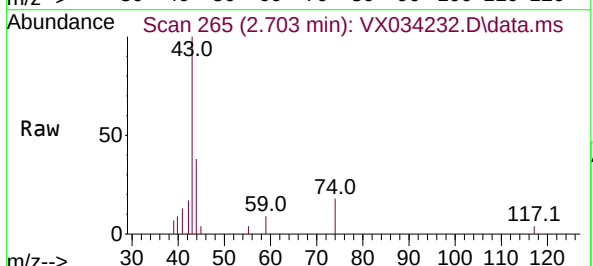
02/23/2023  
Supervised By :Mahesh  
Dadoda

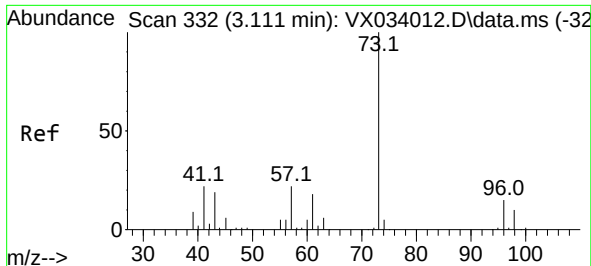
02/23/2023



#18  
Methyl Acetate  
Concen: 0.442 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.006 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Tgt Ion: 43 Resp: 2911  
Ion Ratio Lower Upper  
43 100  
74 17.1 18.2 27.4#





#19  
Methyl tert-butyl Ether  
Concen: 0.402 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023

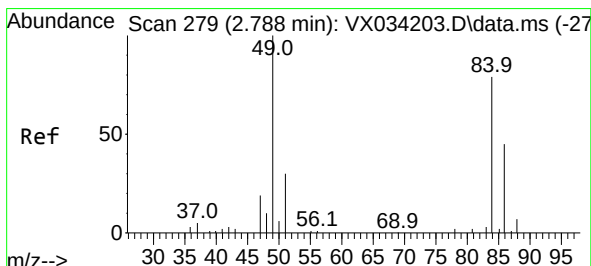
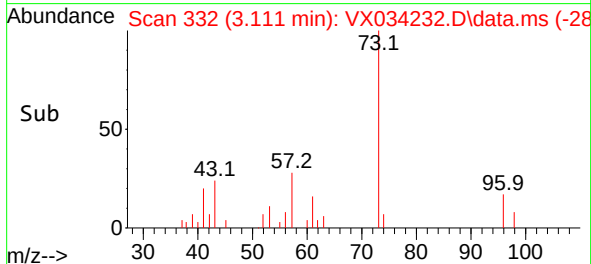
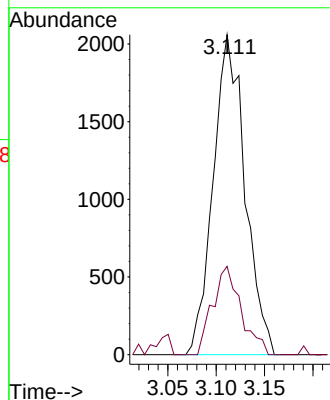
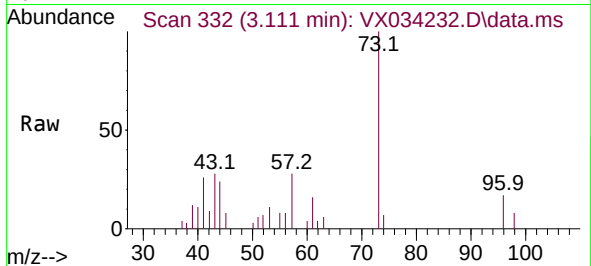
Tgt Ion: 73 Resp: 470  
Ion Ratio Lower Upper  
73 100  
57 27.6 17.4 26.0

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

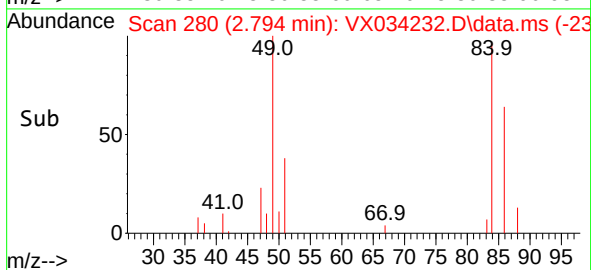
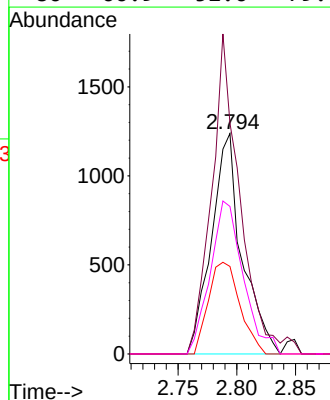
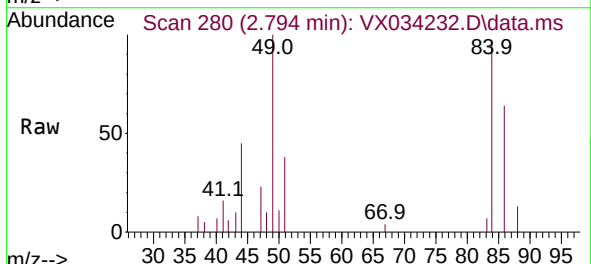
02/23/2023  
Supervised By :Mahesh  
Dadoda

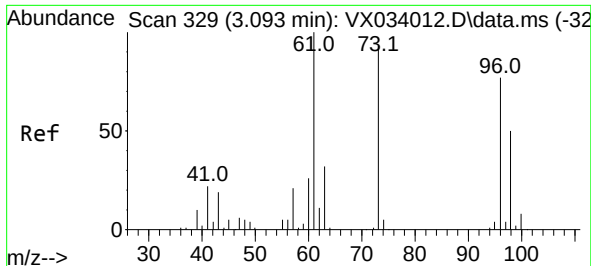
02/23/2023



#20  
Methylene Chloride  
Concen: 0.585 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

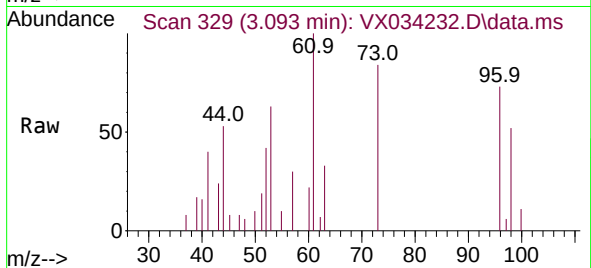
Tgt Ion: 84 Resp: 2243  
Ion Ratio Lower Upper  
84 100  
49 104.7 101.1 151.7  
51 39.7 31.0 46.6  
86 66.9 52.6 79.0





#21  
trans-1,2-Dichloroethene  
Concen: 0.411 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023



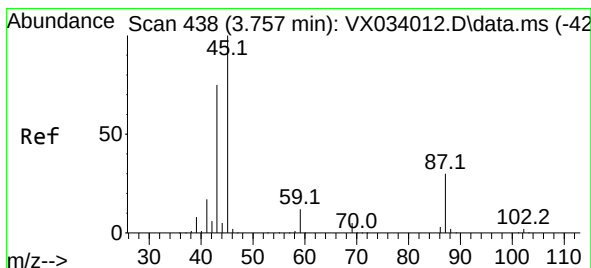
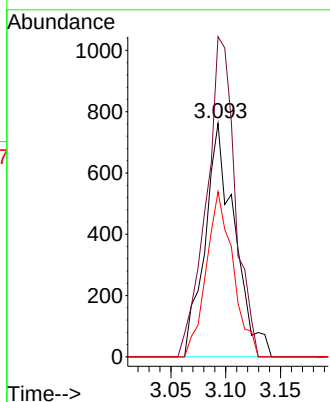
Tgt Ion: 96 Resp: 1428  
Ion Ratio Lower Upper  
96 100  
61 137.1 106.7 160.1  
98 70.7 50.0 75.0

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

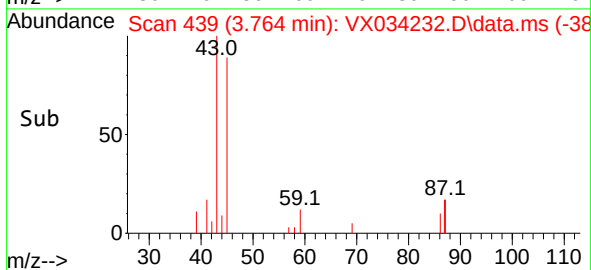
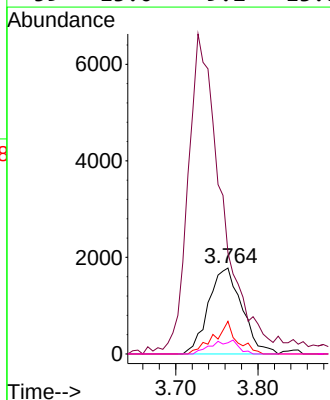
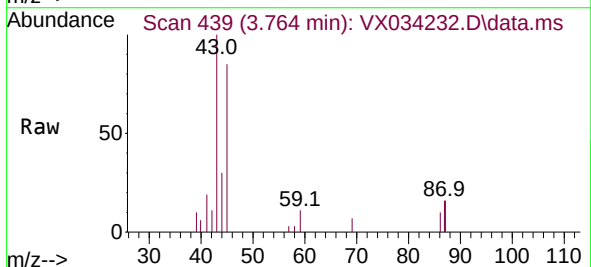
02/23/2023  
Supervised By :Mahesh  
Dadoda

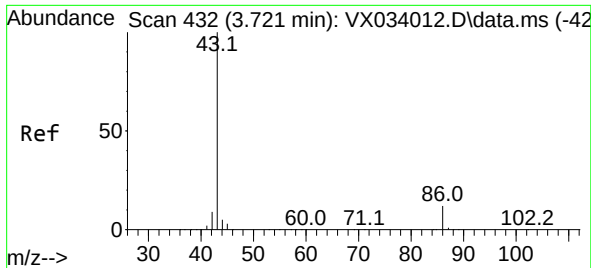
02/23/2023



#22  
Diisopropyl ether  
Concen: 0.409 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Tgt Ion: 45 Resp: 5040  
Ion Ratio Lower Upper  
45 100  
43 97.1 64.6 97.0#  
87 38.1 21.9 32.9#  
59 13.0 9.2 13.8





#23

Vinyl Acetate

Concen: 1.933 ug/l

RT: 3.727 min Scan# 41

Delta R.T. 0.012 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 43 Resp: 1908

Ion Ratio Lower Upper

43 100

86 10.5 8.4 12.6

Manual Integrations

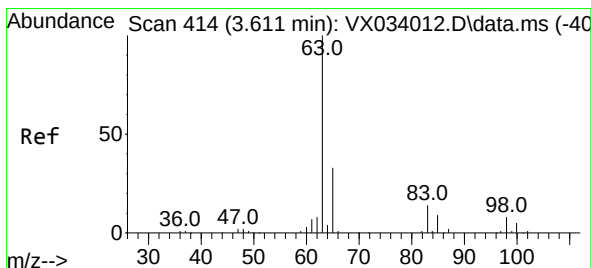
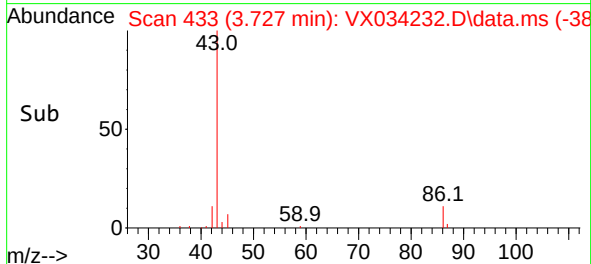
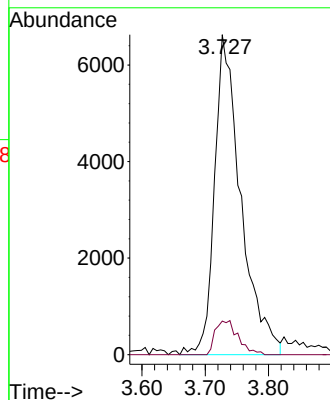
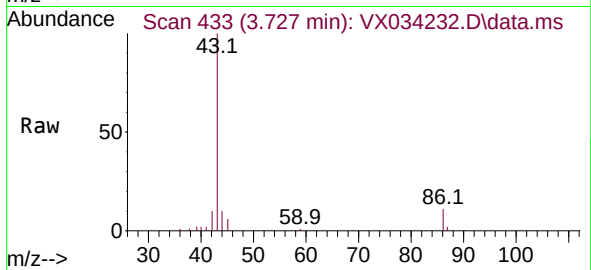
APPROVED

Reviewed By :John  
Carlone

02/23/2023

Supervised By :Mahesh  
Dadoda

02/23/2023



#24

1,1-Dichloroethane

Concen: 0.362 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

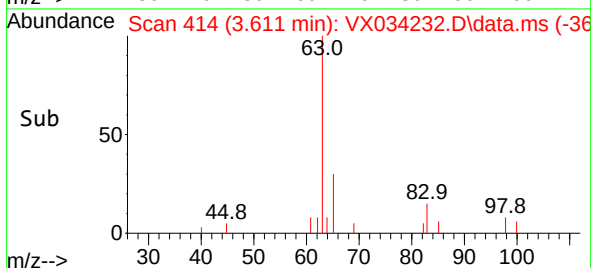
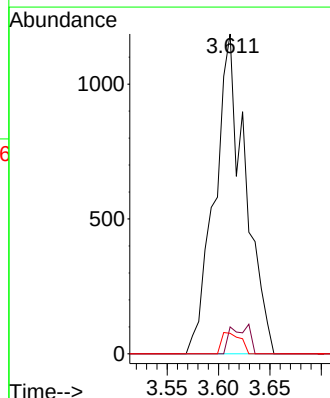
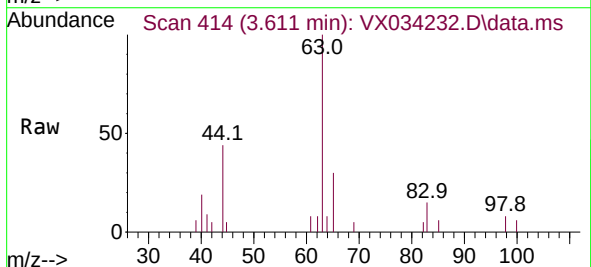
Tgt Ion: 63 Resp: 2447

Ion Ratio Lower Upper

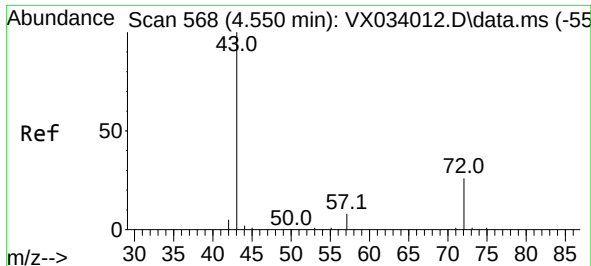
63 100

98 8.4 3.8 11.2

100 6.4 2.4 7.2







#25

2-Butanone

Concen: 1.996 ug/l

RT: 4.574 min Scan# 514

Delta R.T. 0.031 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 43 Resp: 614

Ion Ratio Lower Upper

43 100

72 12.9 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John

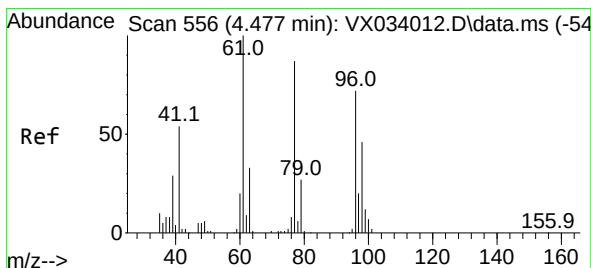
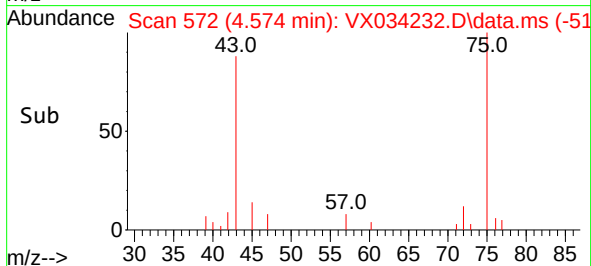
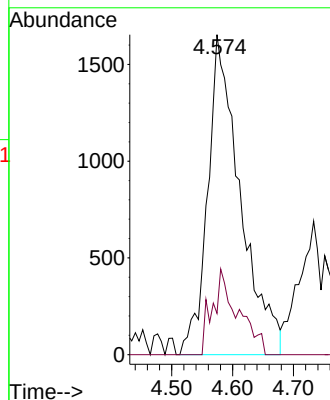
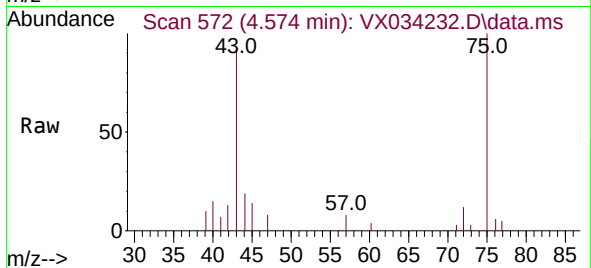
Carlone

02/23/2023

Supervised By :Mahesh

Dadoda

02/23/2023



#26

2,2-Dichloropropane

Concen: 0.391 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.006 min

Lab File: VX034232.D

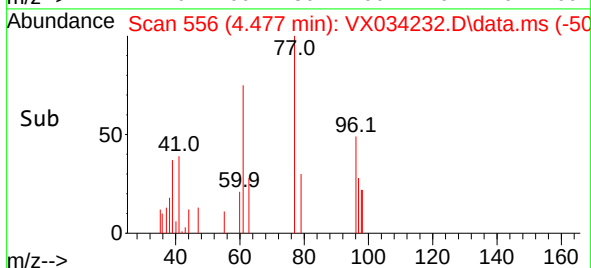
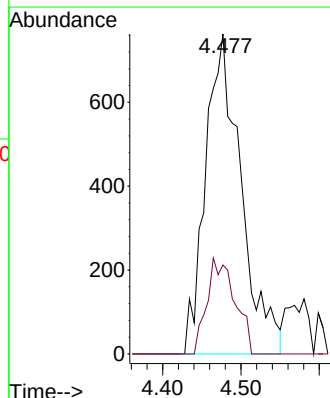
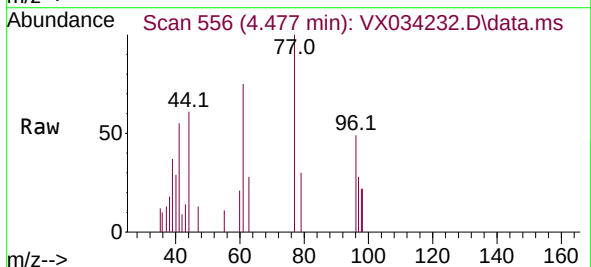
Acq: 22 Feb 2023 16:32

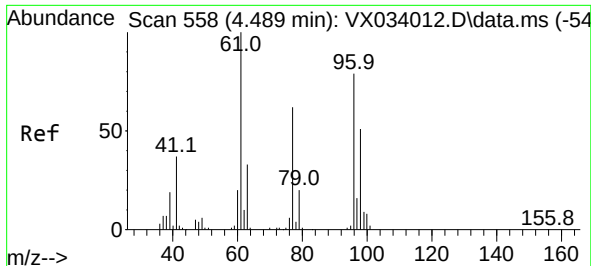
Tgt Ion: 77 Resp: 2396

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 0.400 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT1-2023

|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 164   |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 149.5    | 0.0 277.6   |
| 98 62.1     | 0.0 128.0   |

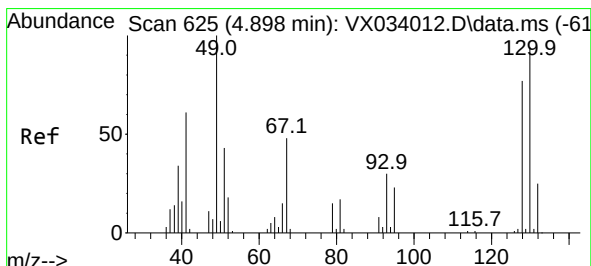
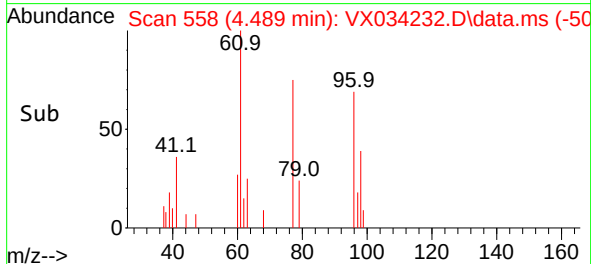
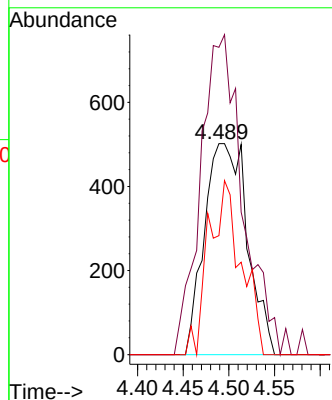
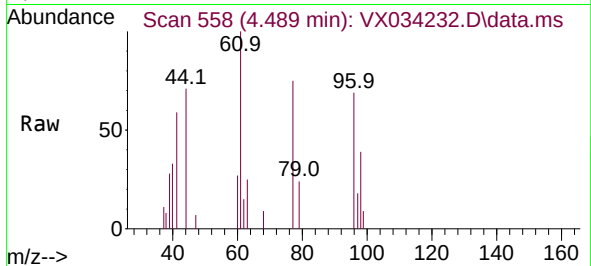
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

02/23/2023

Supervised By :Mahesh  
Dadoda

02/23/2023



#28

Bromochloromethane

Concen: 0.393 ug/l

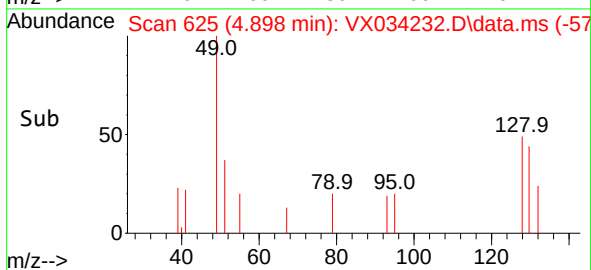
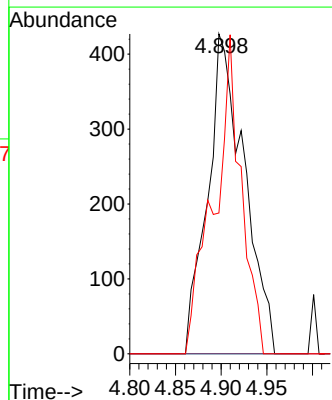
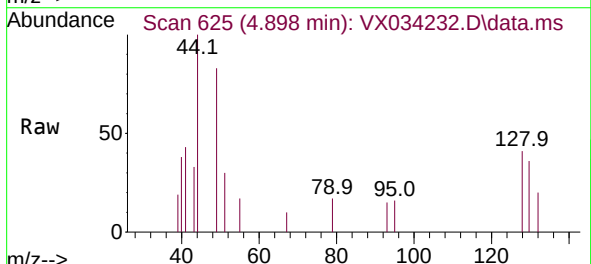
RT: 4.898 min Scan# 625

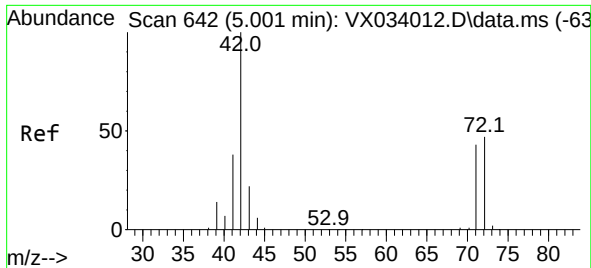
Delta R.T. 0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

|             |             |
|-------------|-------------|
| Tgt Ion: 49 | Resp: 1187  |
| Ion Ratio   | Lower Upper |
| 49 100      |             |
| 129 0.0     | 0.0 4.6     |
| 130 74.7    | 68.5 102.7  |





#29

Tetrahydrofuran

Concen: 1.909 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT1-2023

|             |             |
|-------------|-------------|
| Tgt Ion: 42 | Resp: 358   |
| Ion Ratio   | Lower Upper |
| 42 100      |             |
| 72 44.1     | 34.8 52.2   |
| 71 40.8     | 32.2 48.2   |

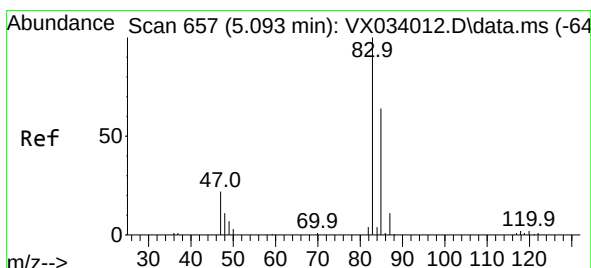
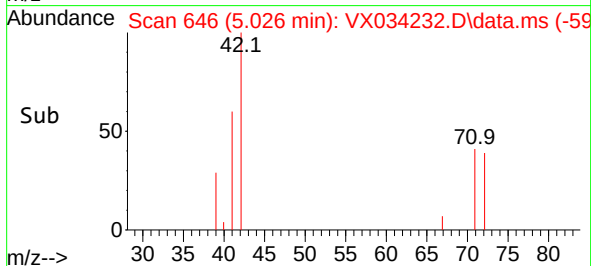
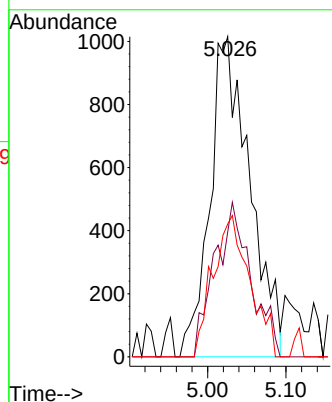
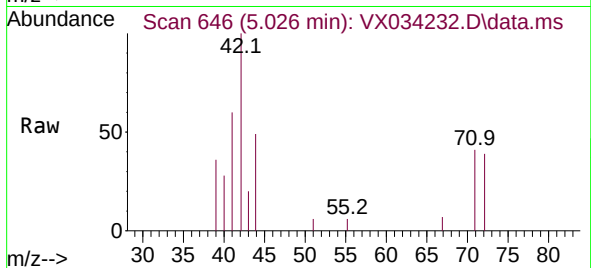
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

02/23/2023

Supervised By :Mahesh  
Dadoda

02/23/2023



#30

Chloroform

Concen: 0.425 ug/l

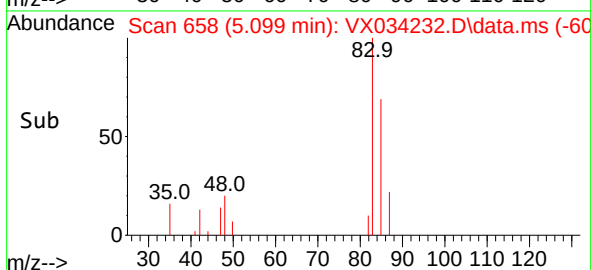
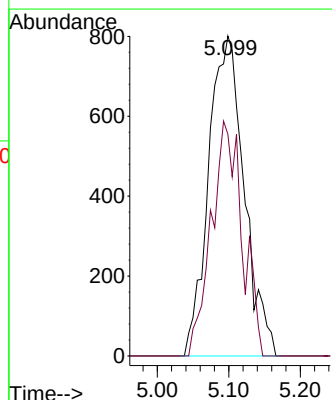
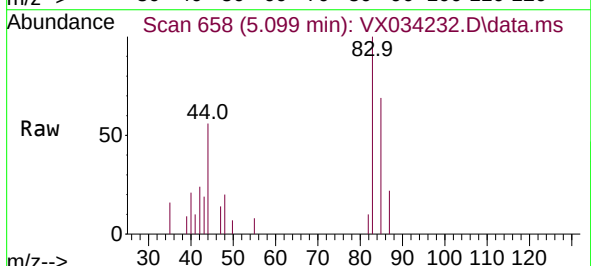
RT: 5.099 min Scan# 658

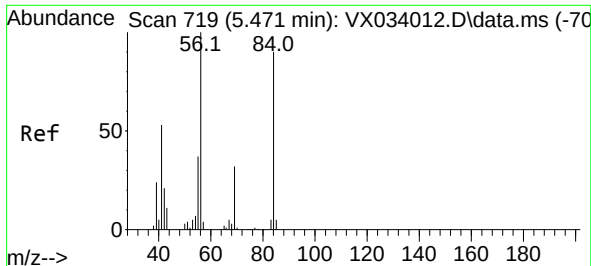
Delta R.T. 0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

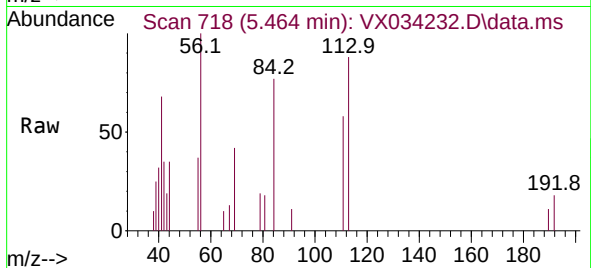
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 2764  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 69.3     | 52.1 78.1   |





#31  
Cyclohexane  
Concen: 0.420 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023



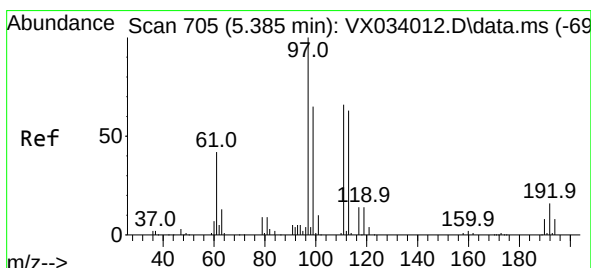
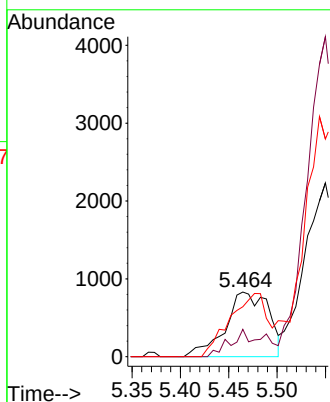
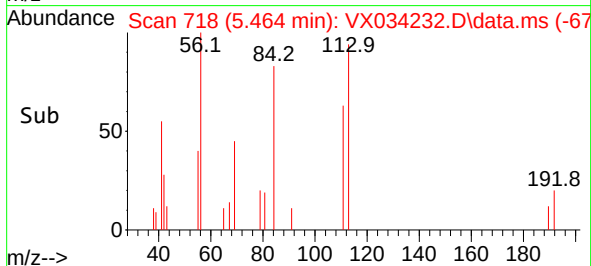
Tgt Ion: 56 Resp: 2580  
Ion Ratio Lower Upper  
56 100  
69 42.2 24.6 37.0#  
84 77.3 71.0 106.6

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

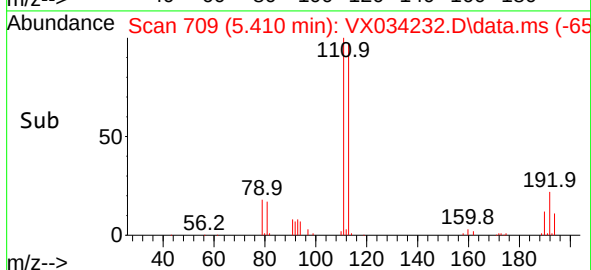
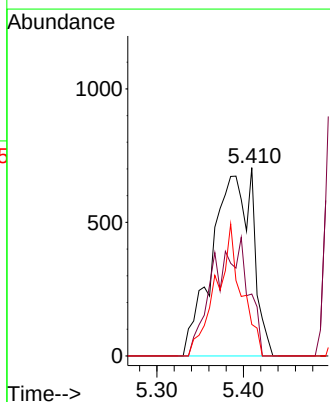
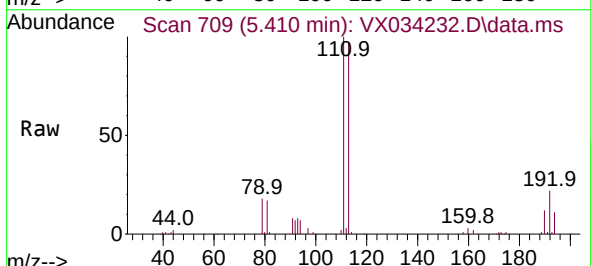
02/23/2023  
Supervised By :Mahesh  
Dadoda

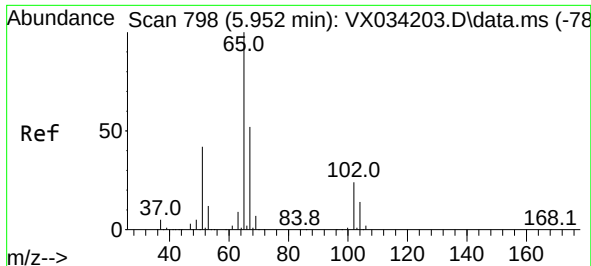
02/23/2023



#32  
1,1,1-Trichloroethane  
Concen: 0.385 ug/l  
RT: 5.410 min Scan# 709  
Delta R.T. 0.031 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Tgt Ion: 97 Resp: 2245  
Ion Ratio Lower Upper  
97 100  
99 0.0 52.3 78.5#  
61 0.0 35.2 52.8#





#33

1,2-Dichloroethane-d4

Concen: 43.571 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 65 Resp: 179792

Ion Ratio Lower Upper

65 100

67 54.2 0.0 104.8

Manual Integrations

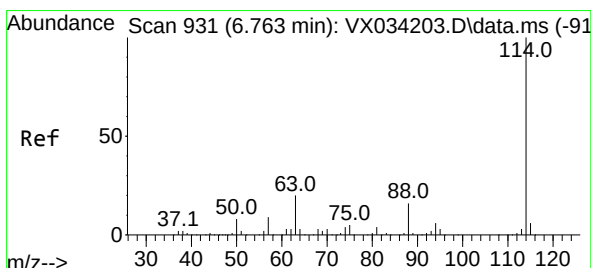
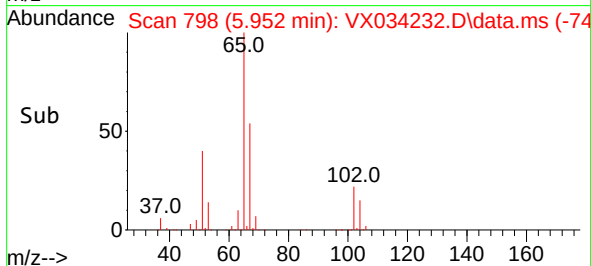
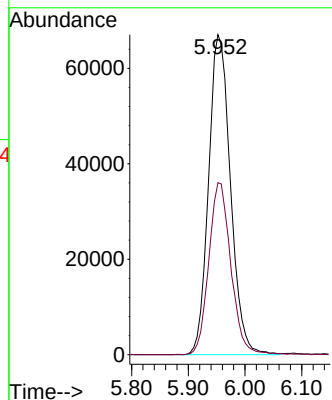
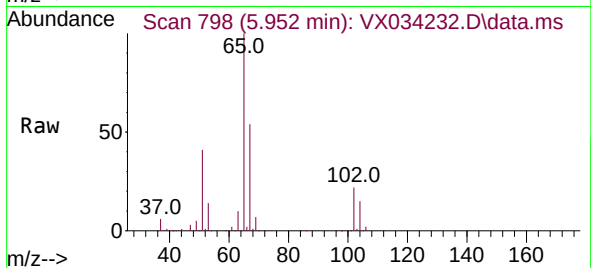
APPROVED

Reviewed By :John  
Carlone

02/23/2023

Supervised By :Mahesh  
Dadoda

02/23/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

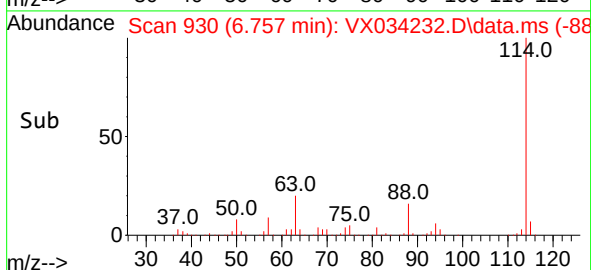
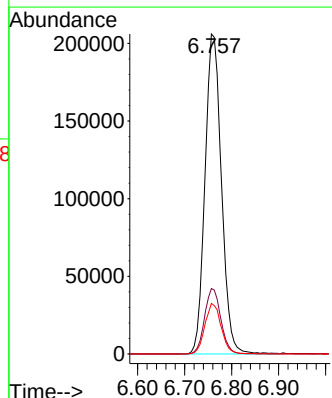
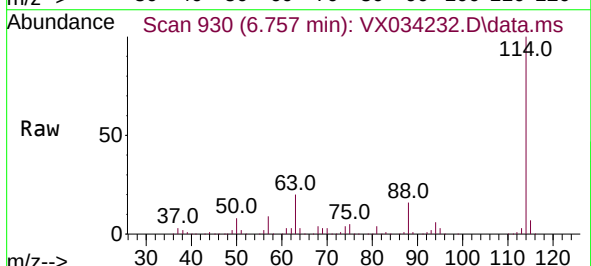
Tgt Ion:114 Resp: 500312

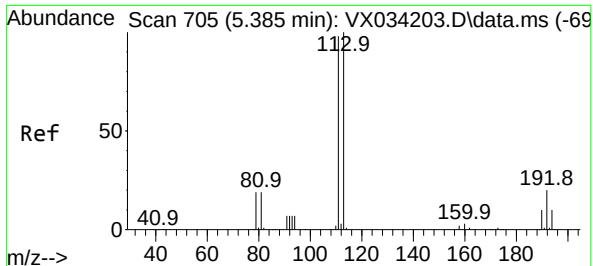
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

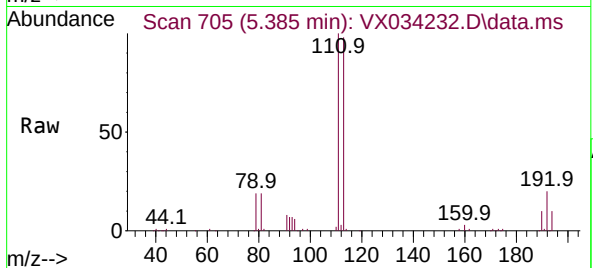
88 15.8 0.0 30.6





#35  
Dibromofluoromethane  
Concen: 48.200 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023



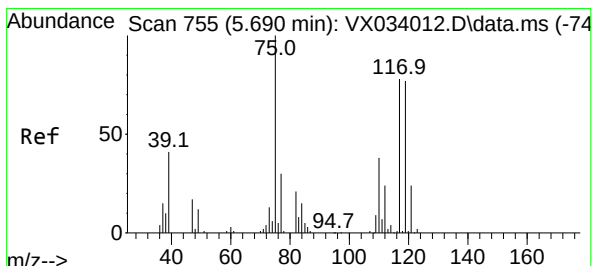
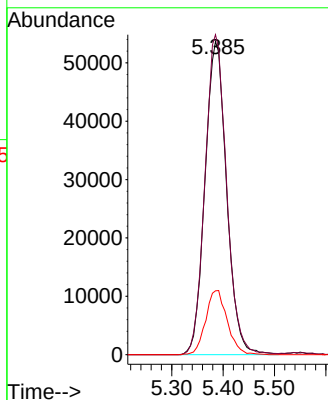
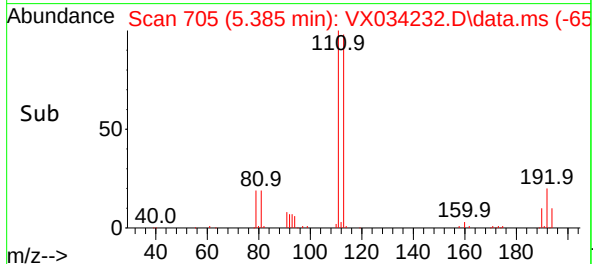
Tgt Ion:113 Resp: 157012  
Ion Ratio Lower Upper  
113 100  
111 102.0 83.0 124.6  
192 20.5 19.0 28.4

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

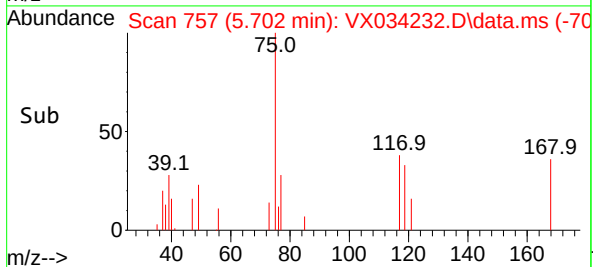
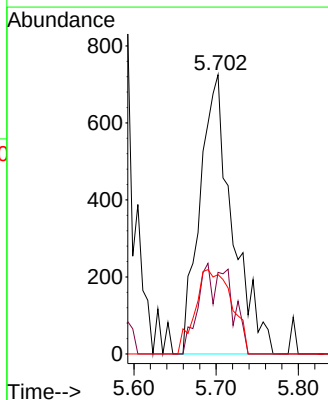
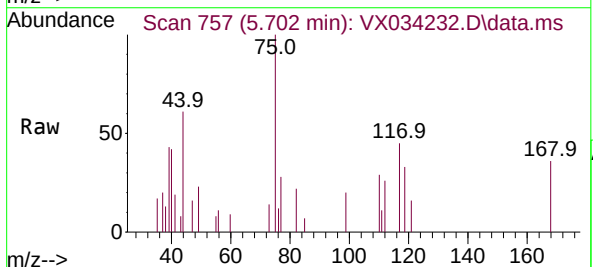
02/23/2023  
Supervised By :Mahesh  
Dadoda

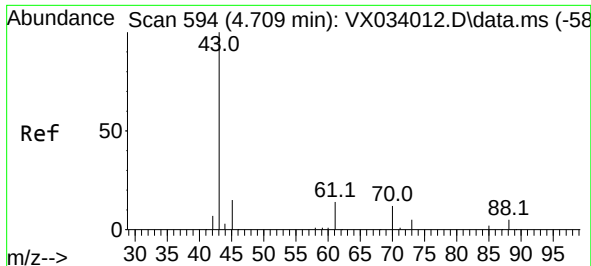
02/23/2023



#36  
1,1-Dichloropropene  
Concen: 0.415 ug/l  
RT: 5.702 min Scan# 757  
Delta R.T. 0.012 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Tgt Ion: 75 Resp: 1997  
Ion Ratio Lower Upper  
75 100  
110 16.9 18.8 56.4#  
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.590 ug/l m

RT: 4.733 min Scan# 594

Delta R.T. 0.025 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 43 Resp: 3174

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 2.5   | 11.1  | 16.7  |
| 70  | 1.8   | 8.5   | 12.7  |

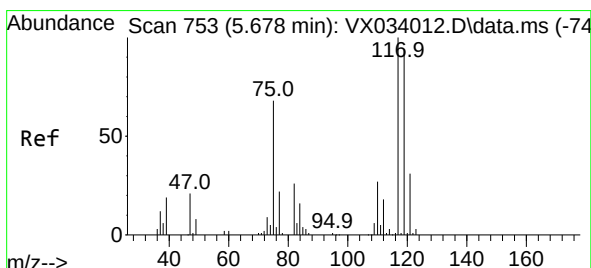
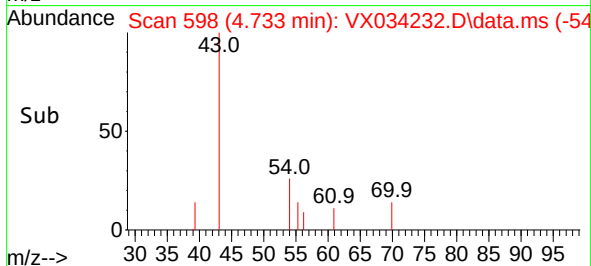
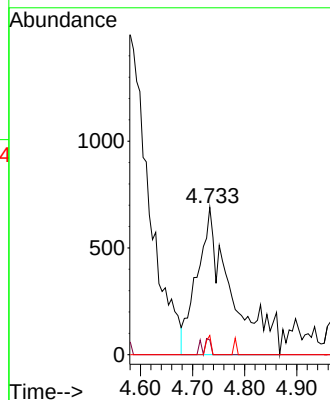
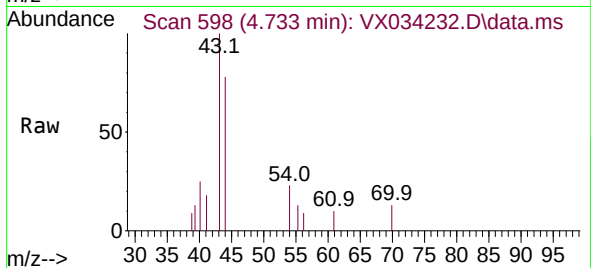
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

02/23/2023

Supervised By :Mahesh  
Dadoda

02/23/2023



#38

Carbon Tetrachloride

Concen: 0.388 ug/l

RT: 5.678 min Scan# 753

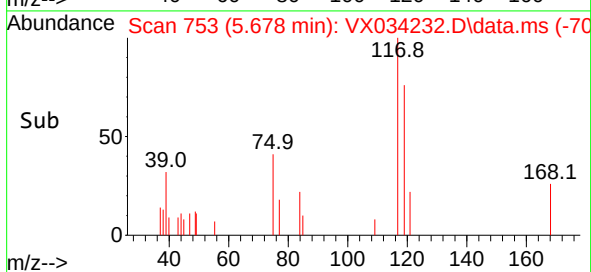
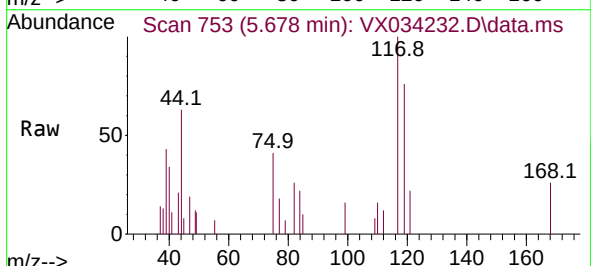
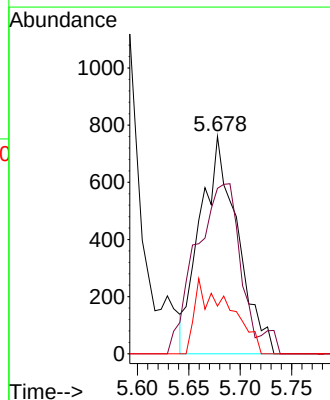
Delta R.T. 0.006 min

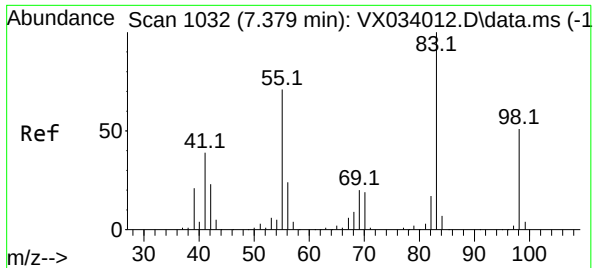
Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Tgt Ion:117 Resp: 1923

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 117 | 100   |       |        |
| 119 | 76.1  | 78.0  | 117.0# |
| 121 | 21.9  | 24.4  | 36.6#  |





#39

Methylcyclohexane

Concen: 0.367 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT1-2023

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 2274  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 82.2     | 61.8 92.6   |
| 98 51.5     | 39.3 58.9   |

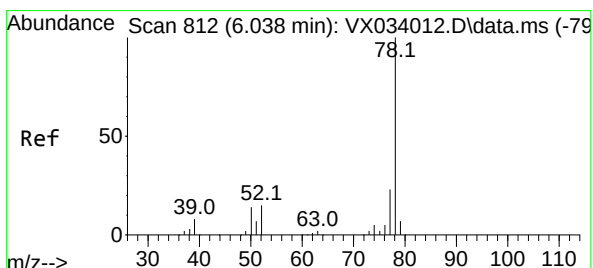
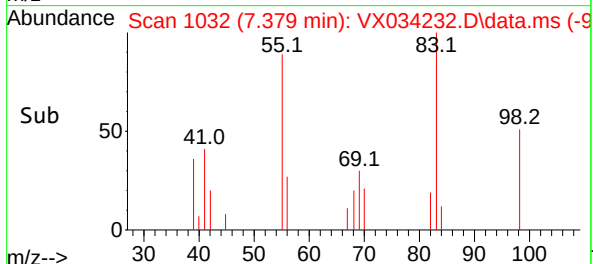
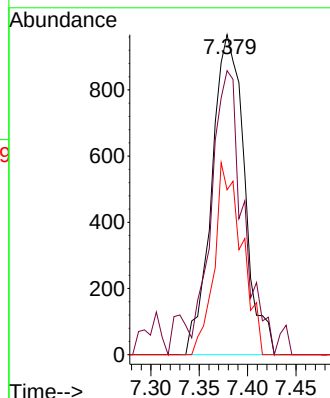
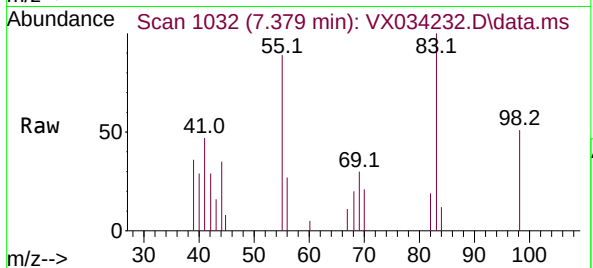
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

02/23/2023

Supervised By :Mahesh  
Dadoda

02/23/2023



#40

Benzene

Concen: 0.422 ug/l

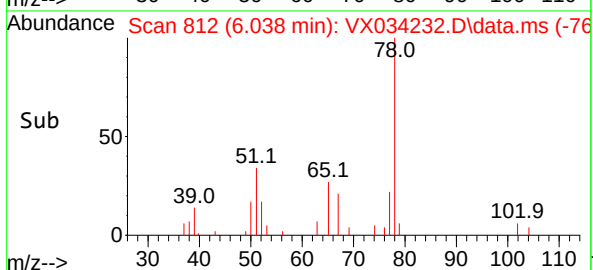
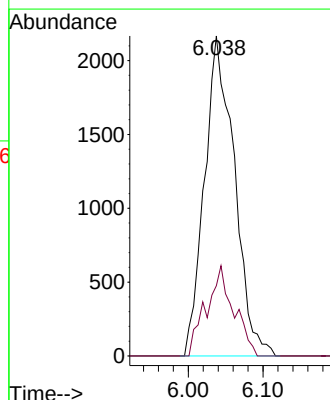
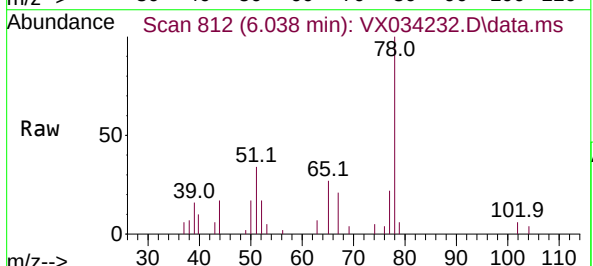
RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

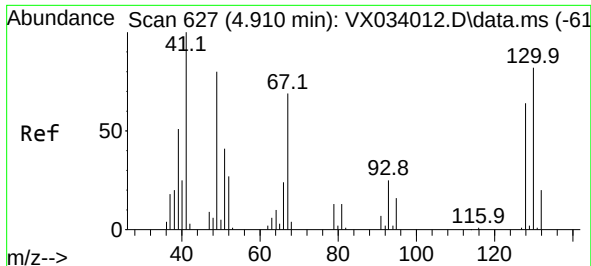
Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

|             |             |
|-------------|-------------|
| Tgt Ion: 78 | Resp: 6025  |
| Ion Ratio   | Lower Upper |
| 78 100      |             |
| 77 22.0     | 19.0 28.4   |

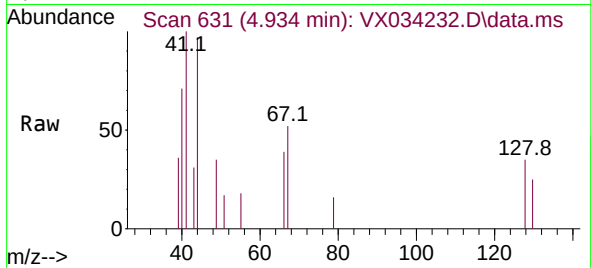






#41  
Methacrylonitrile  
Concen: 0.436 ug/l m  
RT: 4.934 min Scan# 61  
Delta R.T. 0.018 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023



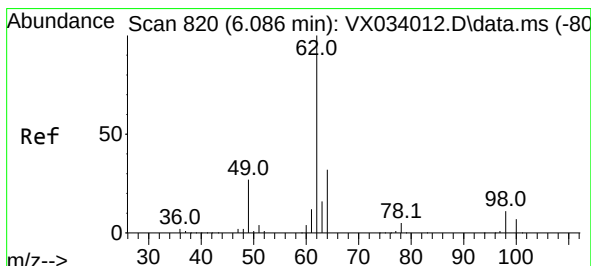
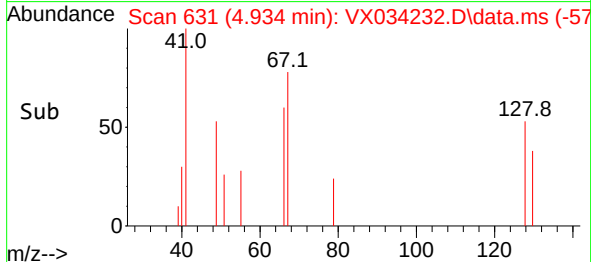
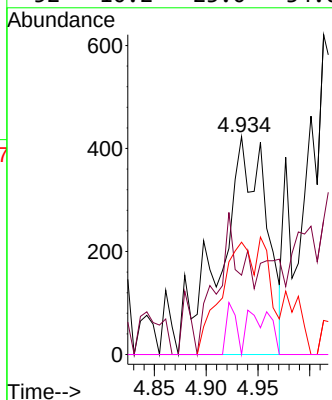
Tgt Ion: 41 Resp: 130  
Ion Ratio Lower Upper  
41 100  
39 0.0 43.8 65.6  
67 36.4 54.8 82.2  
52 10.2 23.0 34.6

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

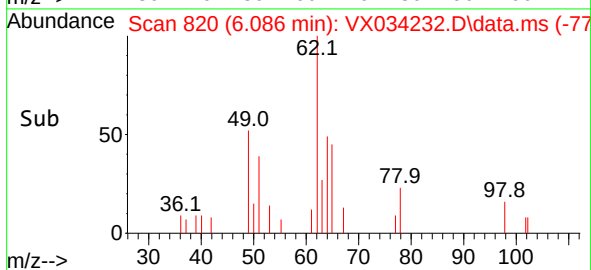
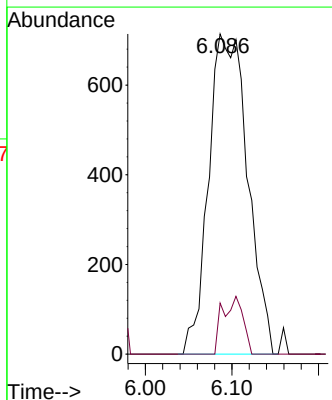
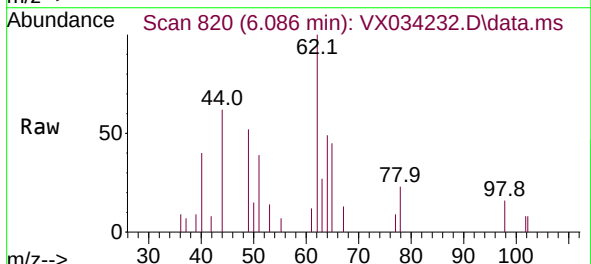
02/23/2023  
Supervised By :Mahesh  
Dadoda

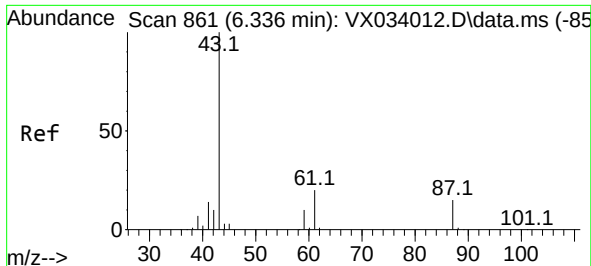
02/23/2023



#42  
1,2-Dichloroethane  
Concen: 0.444 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

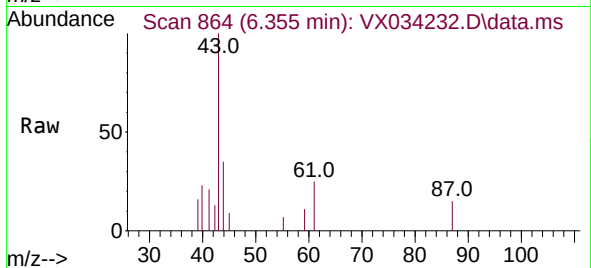
Tgt Ion: 62 Resp: 2230  
Ion Ratio Lower Upper  
62 100  
98 9.4 0.0 20.2





#43  
Isopropyl Acetate  
Concen: 0.416 ug/l  
RT: 6.355 min Scan# 864  
Delta R.T. 0.018 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023



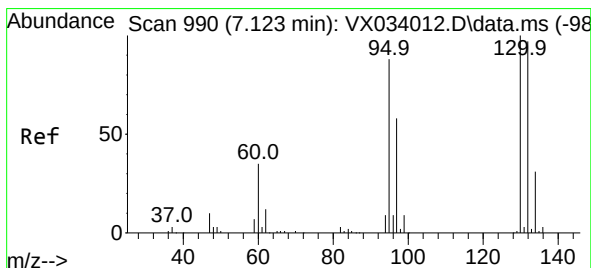
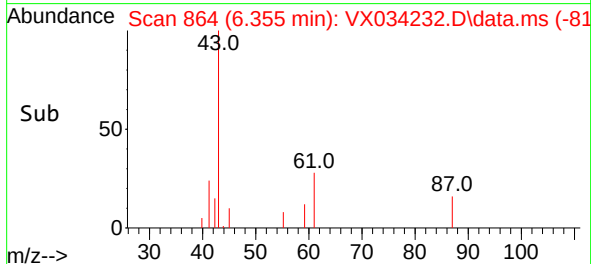
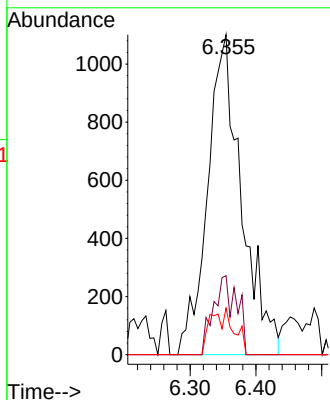
Tgt Ion: 43 Resp: 3950  
Ion Ratio Lower Upper  
43 100  
61 11.5 15.7 23.5  
87 5.4 10.6 15.8

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

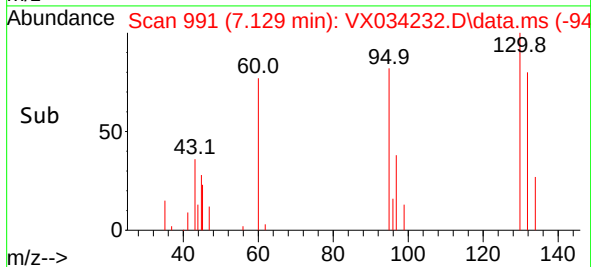
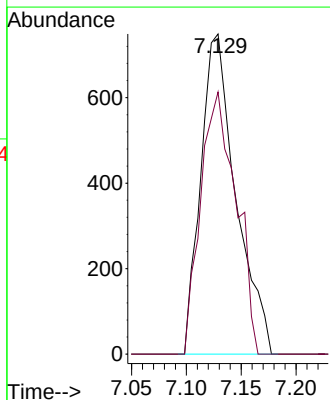
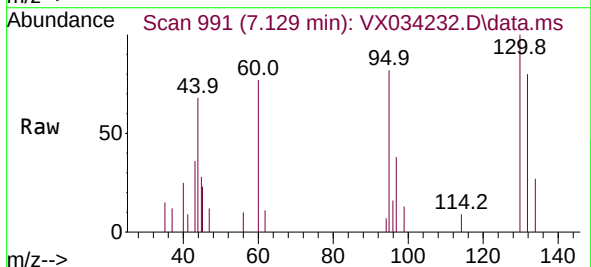
02/23/2023  
Supervised By :Mahesh  
Dadoda

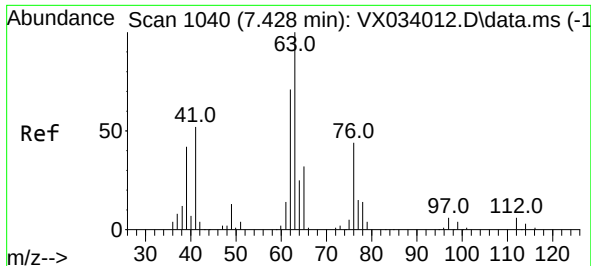
02/23/2023



#44  
Trichloroethene  
Concen: 0.456 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Tgt Ion:130 Resp: 1670  
Ion Ratio Lower Upper  
130 100  
95 81.8 0.0 182.6





#45

1,2-Dichloropropane

Concen: 0.399 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 63 Resp: 151  
 Ion Ratio Lower Upper  
 63 100  
 65 29.9 24.2 36.2

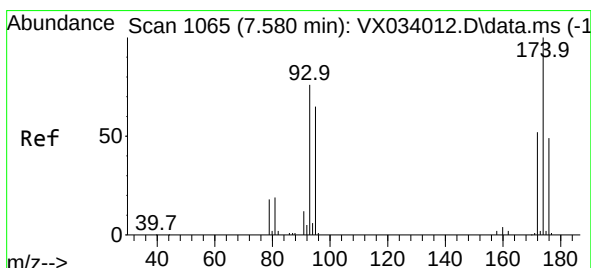
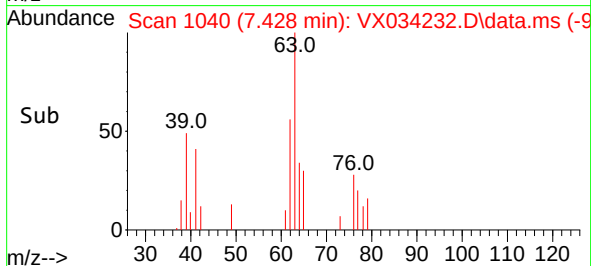
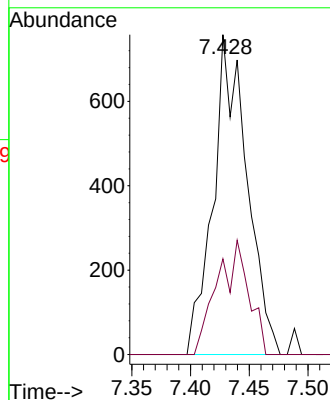
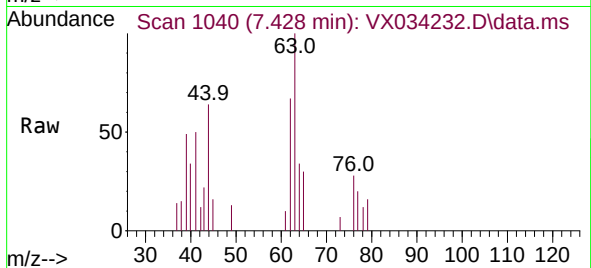
Manual Integrations  
 APPROVED

Reviewed By :John  
 Carlone

02/23/2023

Supervised By :Mahesh  
 Dadoda

02/23/2023



#46

Dibromomethane

Concen: 0.401 ug/l

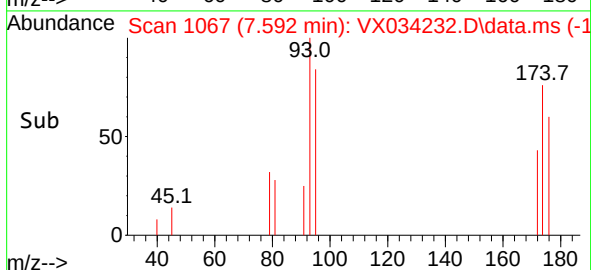
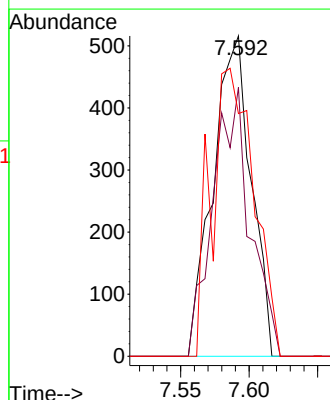
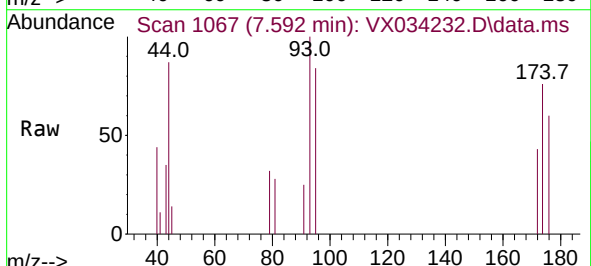
RT: 7.592 min Scan# 1067

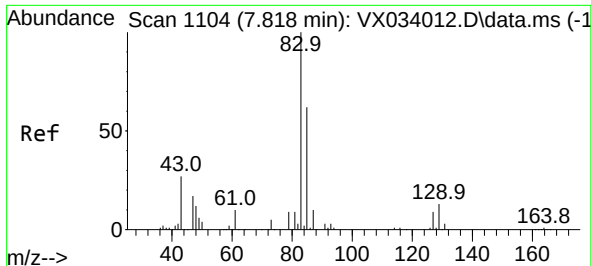
Delta R.T. 0.012 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

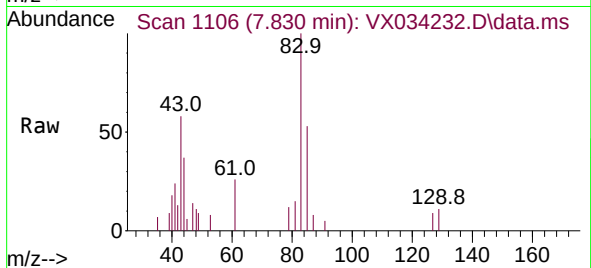
Tgt Ion: 93 Resp: 1003  
 Ion Ratio Lower Upper  
 93 100  
 95 81.7 67.6 101.4  
 174 100.0 97.4 146.0





#47  
Bromodichloromethane  
Concen: 0.380 ug/l  
RT: 7.830 min Scan# 1106  
Delta R.T. 0.012 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument : MSVOA\_X  
ClientSampleId : MDL-WATER-03-QT1-2023



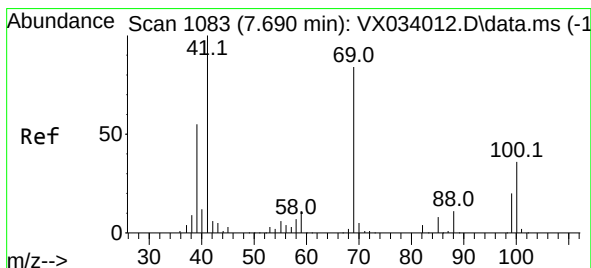
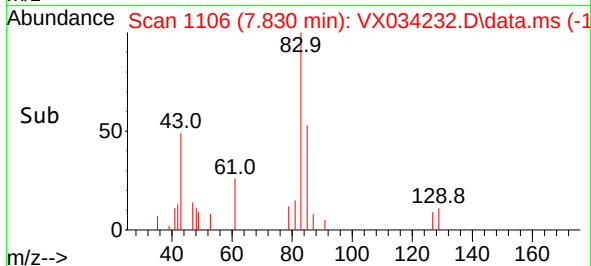
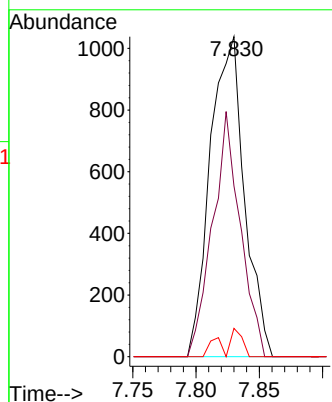
Tgt Ion: 83 Resp: 195  
Ion Ratio Lower Upper  
83 100  
85 53.4 49.8 74.6  
127 8.9 7.0 10.4

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

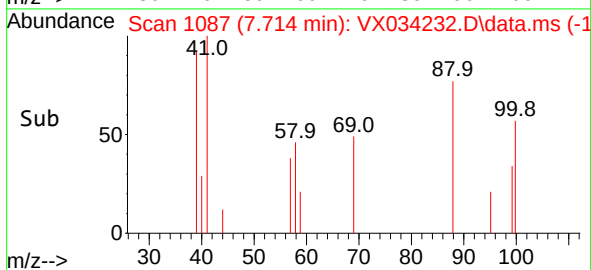
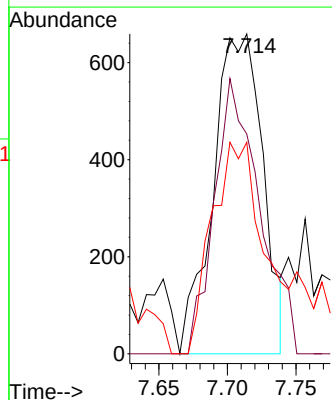
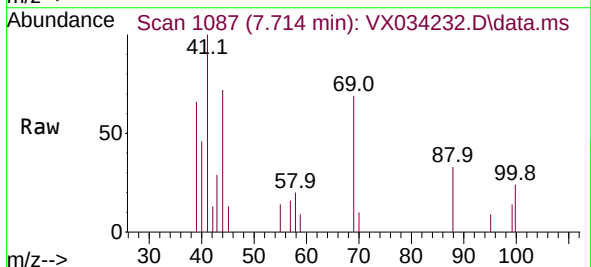
02/23/2023  
Supervised By :Mahesh  
Dadoda

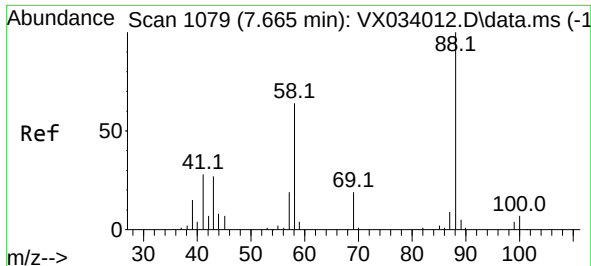
02/23/2023



#48  
Methyl methacrylate  
Concen: 0.369 ug/l  
RT: 7.714 min Scan# 1087  
Delta R.T. 0.025 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Tgt Ion: 41 Resp: 1664  
Ion Ratio Lower Upper  
41 100  
69 78.6 63.1 94.7  
39 83.1 43.2 64.8#





#49

1,4-Dioxane

Concen: 9.083 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.049 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT1-2023

|             |             |
|-------------|-------------|
| Tgt Ion: 88 | Resp: 81    |
| Ion Ratio   | Lower Upper |
| 88 100      |             |
| 43 18.6     | 0.0 0.0     |
| 58 48.6     | 56.5 84.7   |

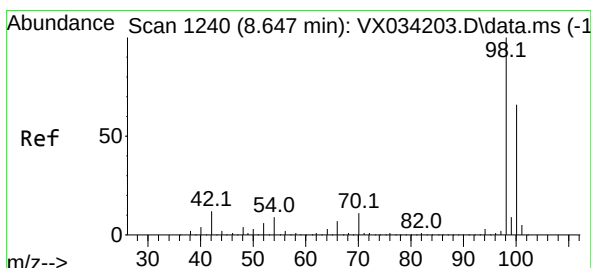
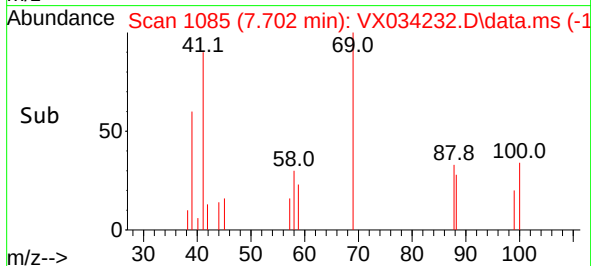
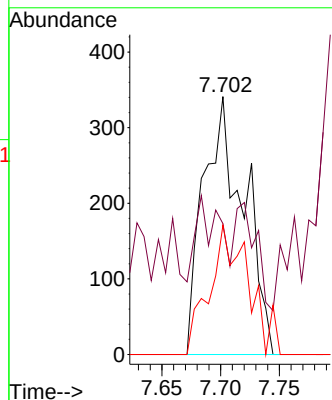
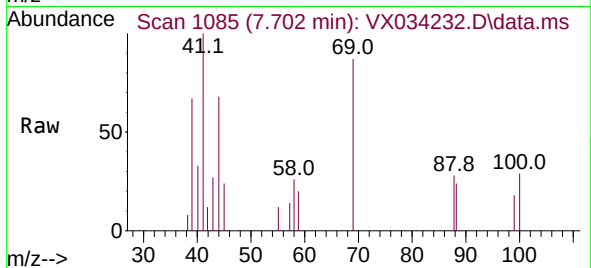
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

02/23/2023

Supervised By :Mahesh  
Dadoda

02/23/2023



#50

Toluene-d8

Concen: 49.295 ug/l

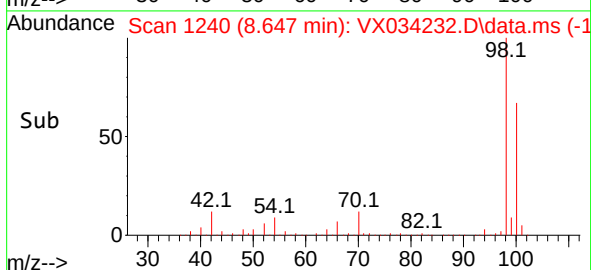
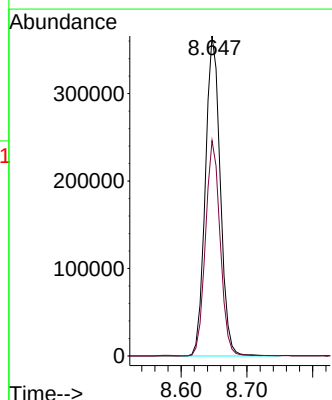
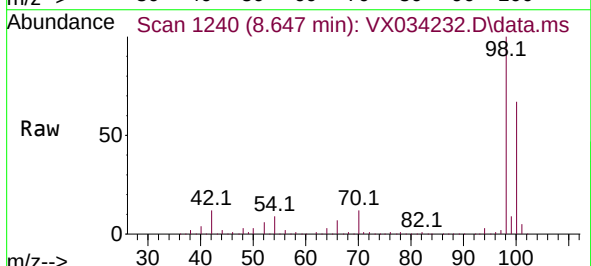
RT: 8.647 min Scan# 1240

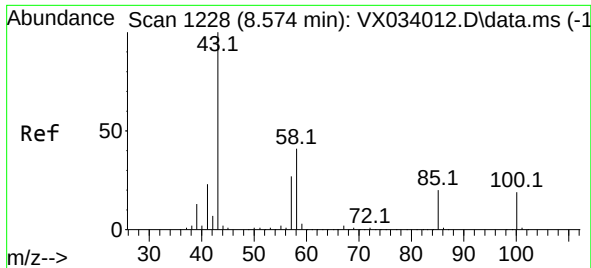
Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

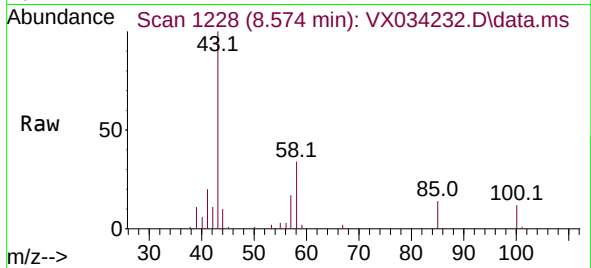
|             |              |
|-------------|--------------|
| Tgt Ion: 98 | Resp: 576534 |
| Ion Ratio   | Lower Upper  |
| 98 100      |              |
| 100 66.1    | 53.6 80.4    |





#51  
4-Methyl-2-Pentanone  
Concen: 2.016 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023



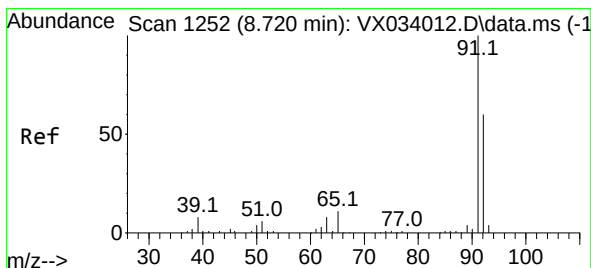
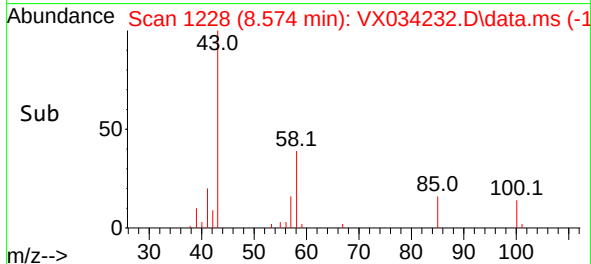
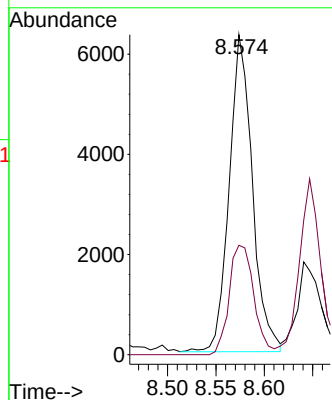
Tgt Ion: 43 Resp: 10530  
Ion Ratio Lower Upper  
43 100  
58 36.8 31.2 46.8

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

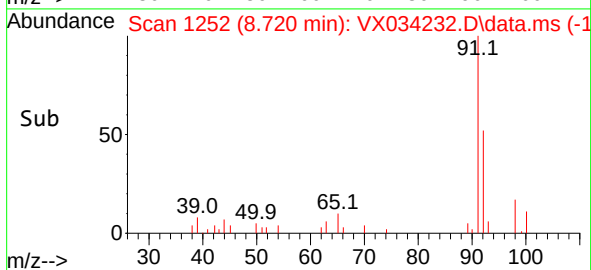
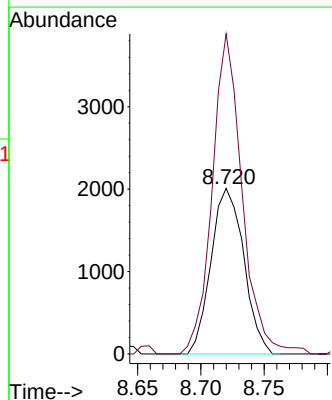
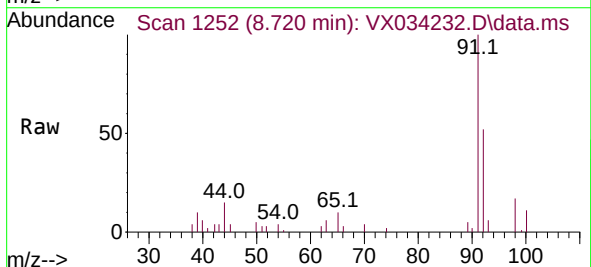
02/23/2023  
Supervised By :Mahesh  
Dadoda

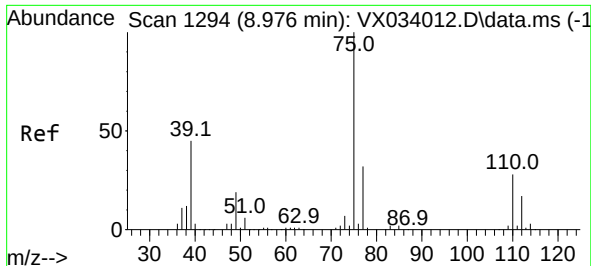
02/23/2023



#52  
Toluene  
Concen: 0.419 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.006 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Tgt Ion: 92 Resp: 3622  
Ion Ratio Lower Upper  
92 100  
91 176.4 135.5 203.3





#53  
t-1,3-Dichloropropene  
Concen: 0.302 ug/l  
RT: 8.988 min Scan# 1195  
Delta R.T. 0.012 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023

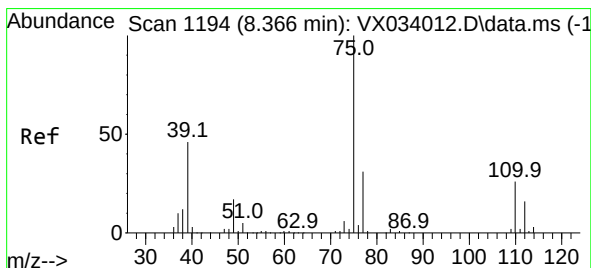
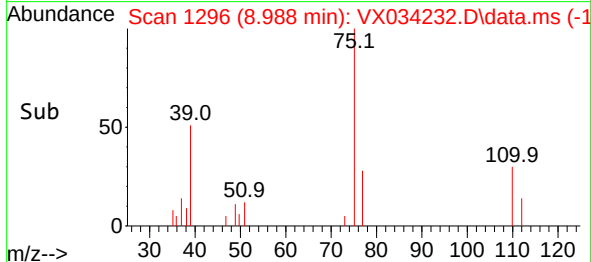
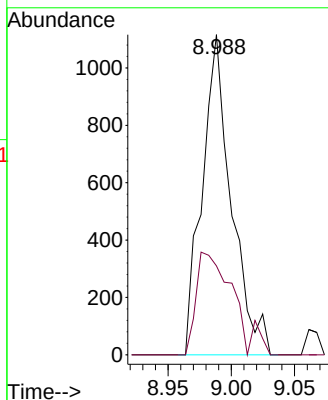
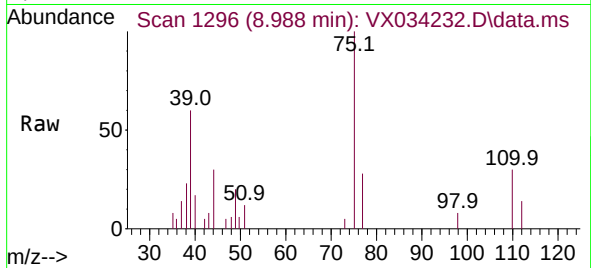
Tgt Ion: 75 Resp: 178  
Ion Ratio Lower Upper  
75 100  
77 27.8 25.5 38.3

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

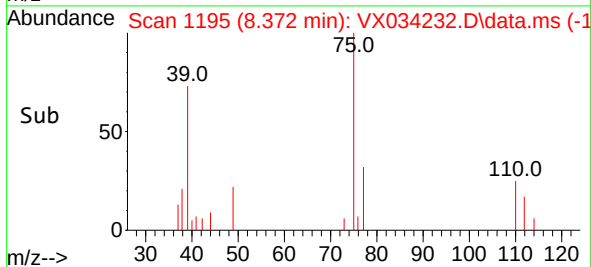
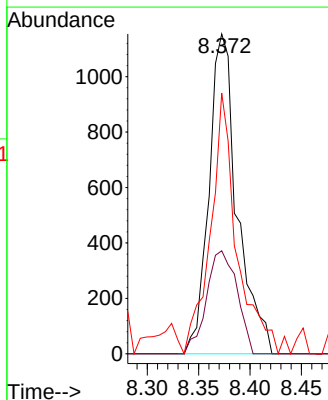
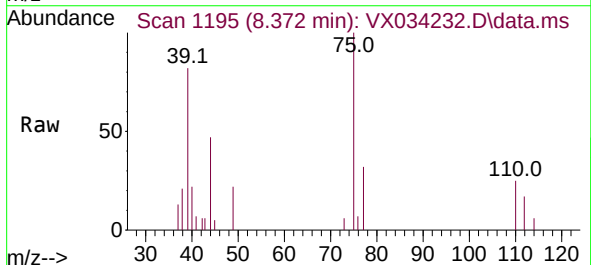
02/23/2023  
Supervised By :Mahesh  
Dadoda

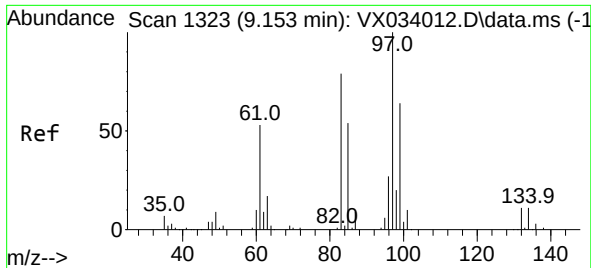
02/23/2023



#54  
cis-1,3-Dichloropropene  
Concen: 0.349 ug/l  
RT: 8.372 min Scan# 1195  
Delta R.T. 0.006 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

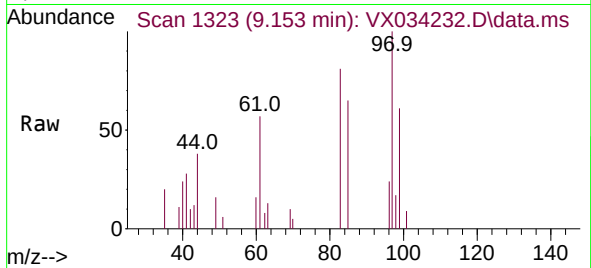
Tgt Ion: 75 Resp: 2207  
Ion Ratio Lower Upper  
75 100  
77 32.2 25.0 37.6  
39 81.5 38.6 58.0#





#55  
1,1,2-Trichloroethane  
Concen: 0.406 ug/l  
RT: 9.153 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument : MSVOA\_X  
ClientSampleId : MDL-WATER-03-QT1-2023



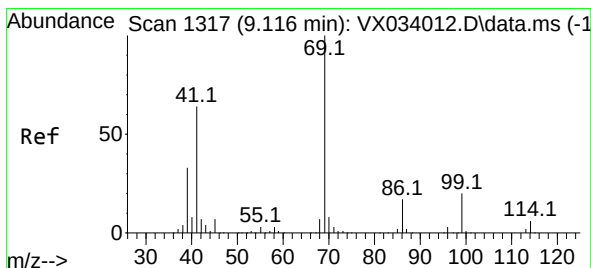
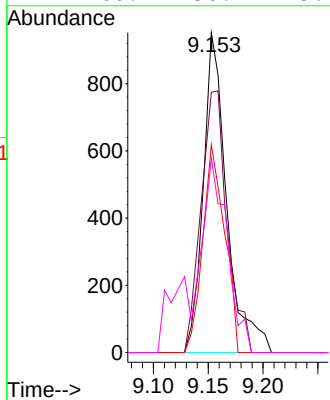
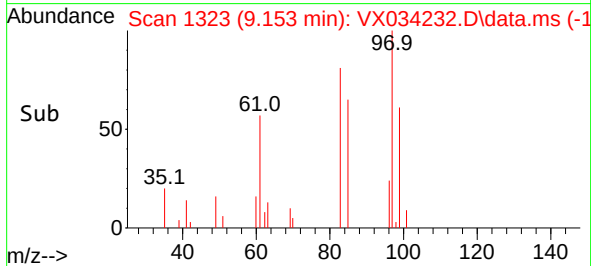
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 81.4  | 67.4  | 101.0 |
| 85      | 64.9  | 43.2  | 64.8  |
| 99      | 60.7  | 50.2  | 75.2  |

Manual Integrations  
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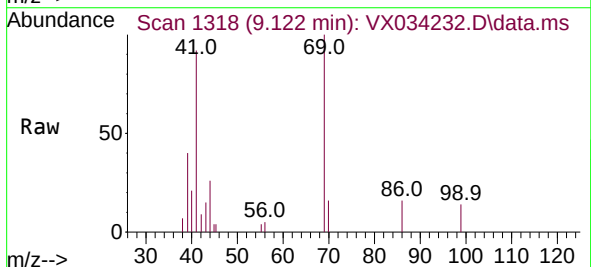
Reviewed By :John  
Carlone

02/23/2023  
Supervised By :Mahesh  
Dadoda

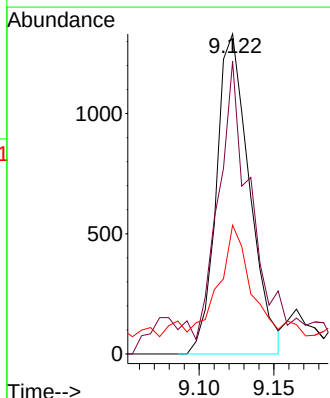
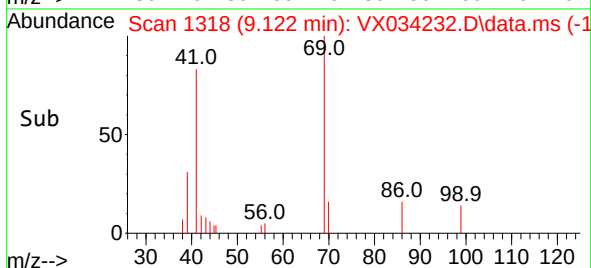
02/23/2023



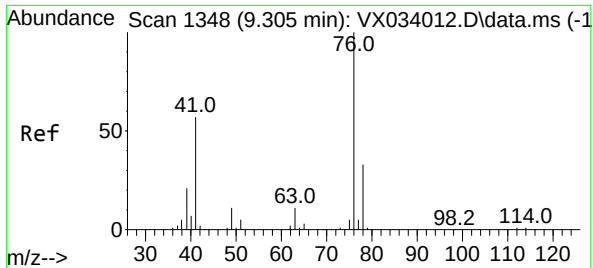
#56  
Ethyl methacrylate  
Concen: 0.347 ug/l  
RT: 9.122 min Scan# 1318  
Delta R.T. 0.006 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 103.1 | 55.1  | 82.7  |
| 39      | 42.1  | 28.5  | 42.7  |







#57

1,3-Dichloropropane

Concen: 0.396 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 76 Resp: 240  
 Ion Ratio Lower Upper  
 76 100  
 78 34.4 25.6 38.4

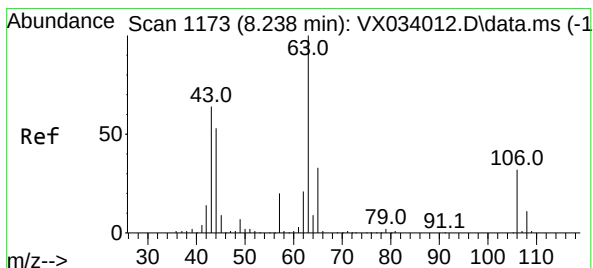
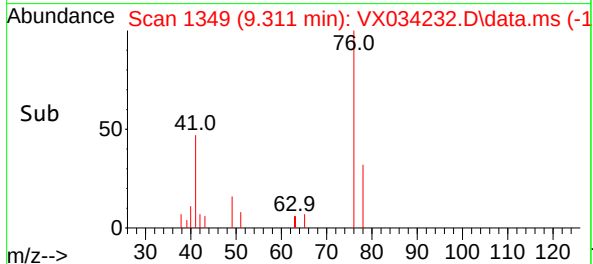
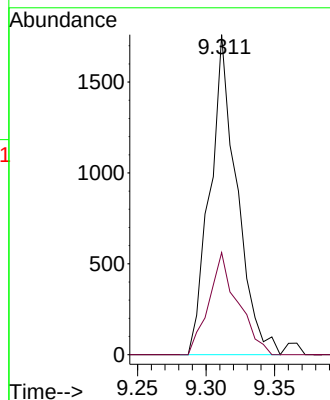
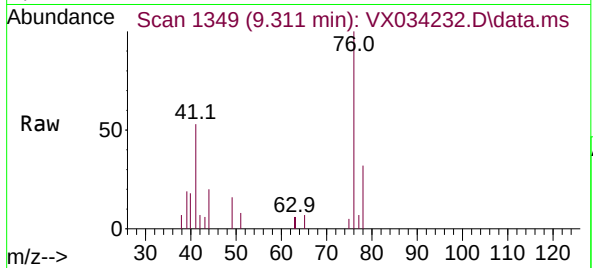
Manual Integrations  
 APPROVED

Reviewed By :John  
 Carlone

02/23/2023

Supervised By :Mahesh  
 Dadoda

02/23/2023



#58

2-Chloroethyl Vinyl ether

Concen: 1.904 ug/l

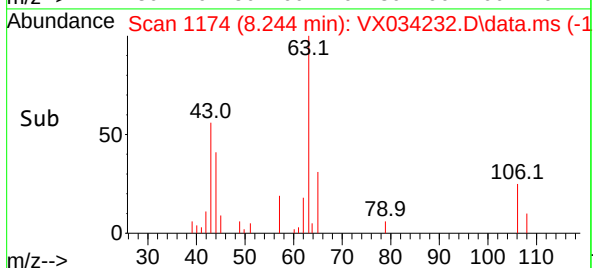
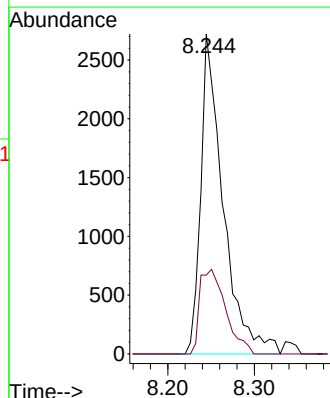
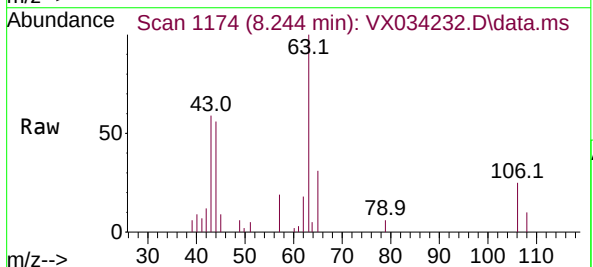
RT: 8.244 min Scan# 1174

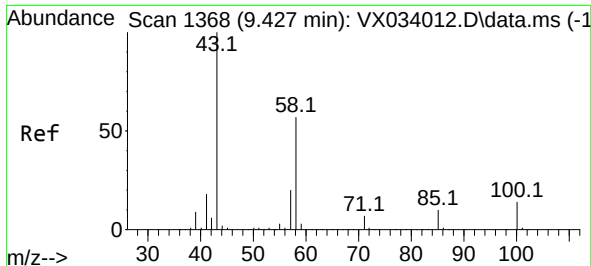
Delta R.T. 0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Tgt Ion: 63 Resp: 4871  
 Ion Ratio Lower Upper  
 63 100  
 106 30.7 24.5 36.7





#59

2-Hexanone

Concen: 1.825 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.012 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion: 43 Resp: 7269

Ion Ratio Lower Upper

43 100

58 53.7 27.4 82.0

Manual Integrations

APPROVED

Reviewed By :John

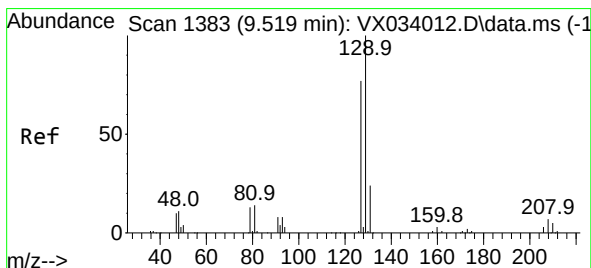
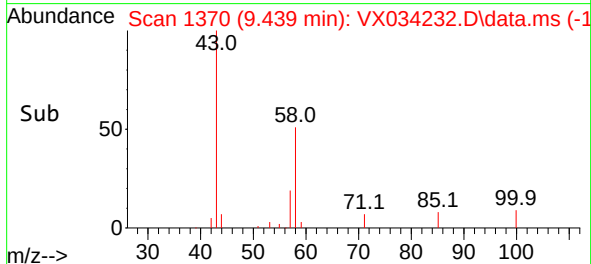
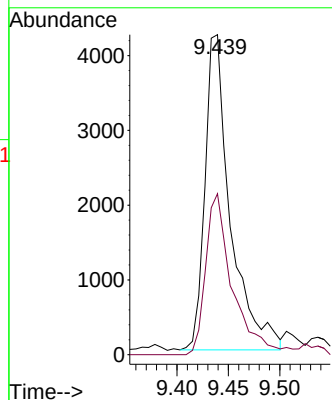
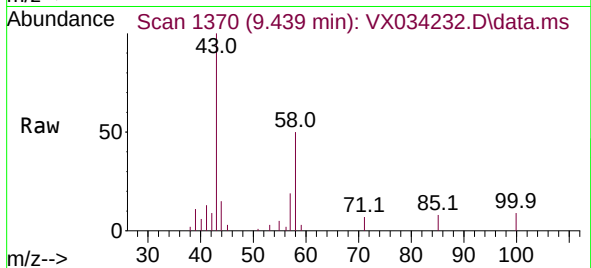
Carlone

02/23/2023

Supervised By :Mahesh

Dadoda

02/23/2023



#60

Dibromochloromethane

Concen: 0.371 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX034232.D

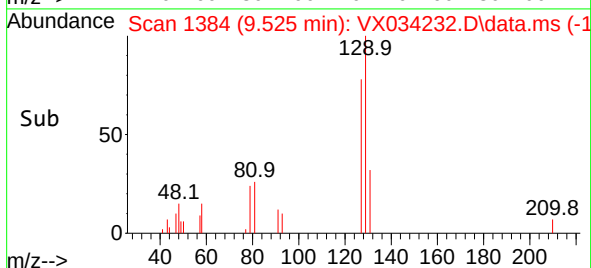
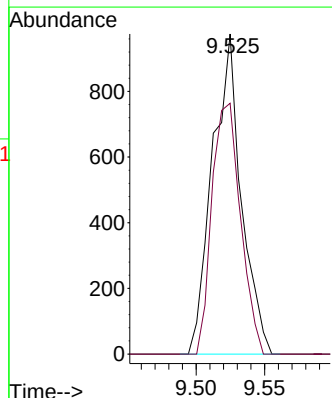
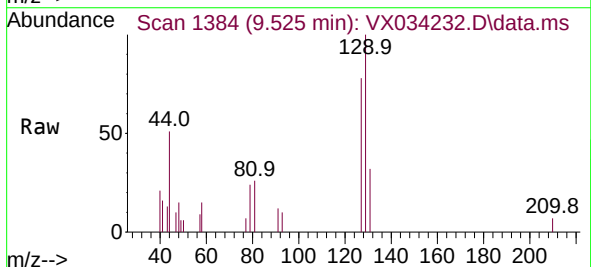
Acq: 22 Feb 2023 16:32

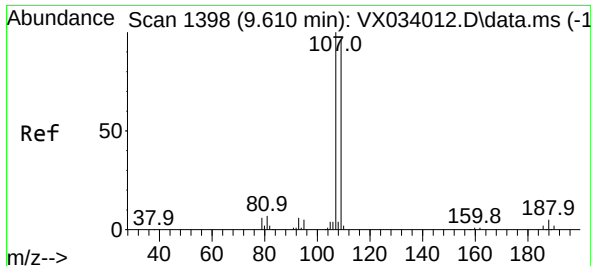
Tgt Ion:129 Resp: 1431

Ion Ratio Lower Upper

129 100

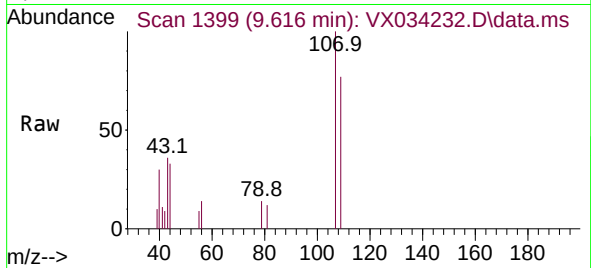
127 77.2 38.8 116.3





#61  
1,2-Dibromoethane  
Concen: 0.400 ug/l  
RT: 9.616 min Scan# 1399  
Delta R.T. 0.006 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023



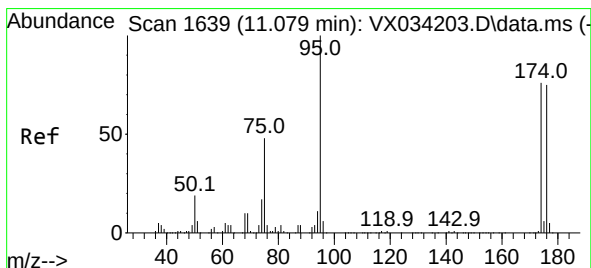
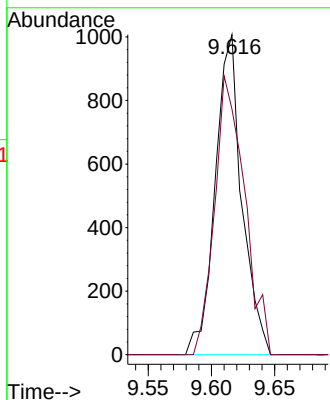
Tgt Ion:107 Resp: 147  
Ion Ratio Lower Upper  
107 100  
109 98.0 74.2 111.2

Manual Integrations  
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Reviewed By :John  
Carlone

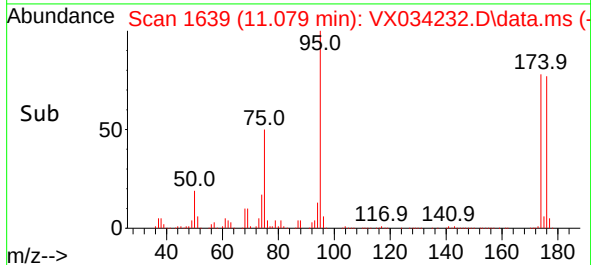
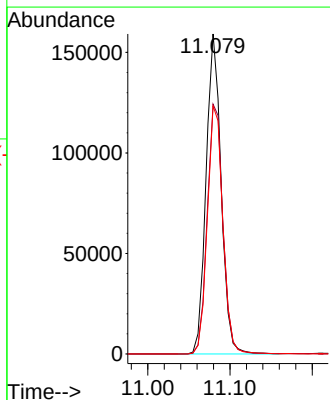
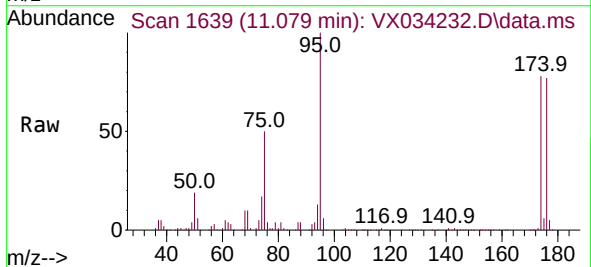
02/23/2023  
Supervised By :Mahesh  
Dadoda

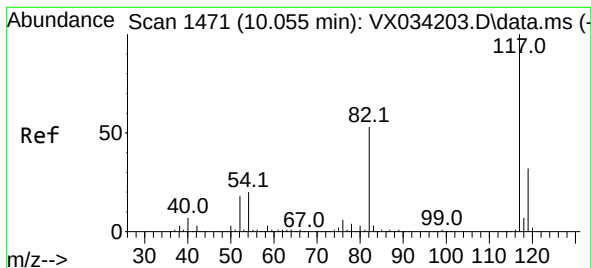
02/23/2023



#62  
4-Bromofluorobenzene  
Concen: 45.204 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

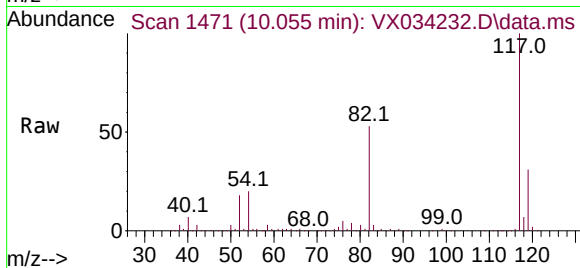
Tgt Ion: 95 Resp: 202224  
Ion Ratio Lower Upper  
95 100  
174 81.4 0.0 184.4  
176 79.7 0.0 178.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument : MSVOA\_X  
ClientSampleId : MDL-WATER-03-QT1-2023



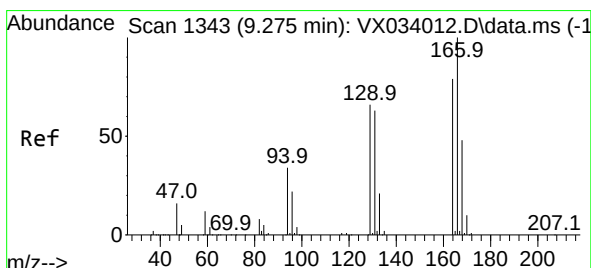
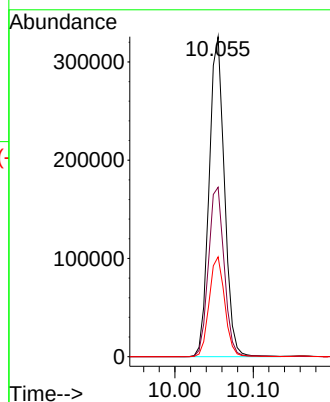
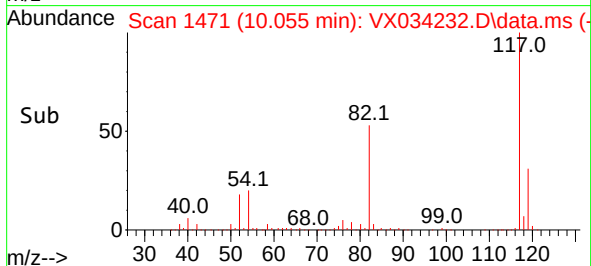
Tgt Ion:117 Resp: 442140  
Ion Ratio Lower Upper  
117 100  
82 52.9 40.6 60.8  
119 31.2 25.6 38.4

Manual Integrations  
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Reviewed By :John  
Carlone

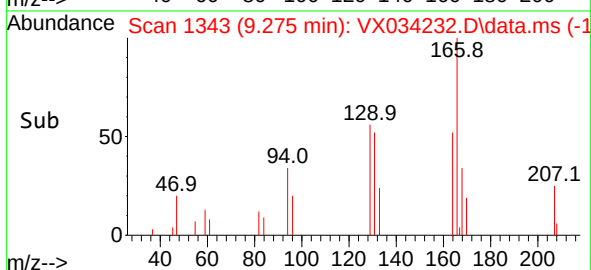
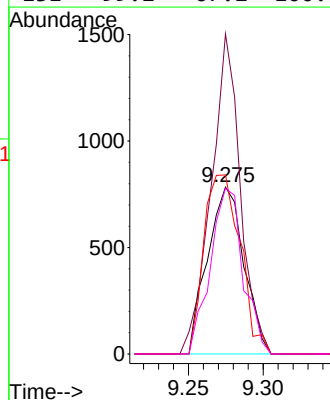
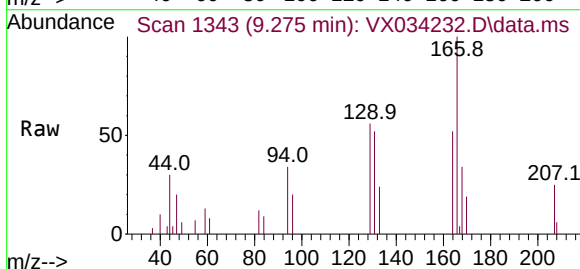
02/23/2023  
Supervised By :Mahesh  
Dadoda

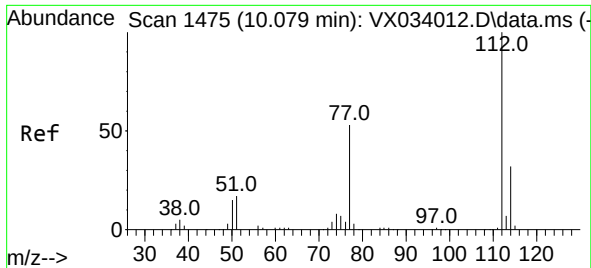
02/23/2023



#64  
Tetrachloroethene  
Concen: 0.426 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Tgt Ion:164 Resp: 1330  
Ion Ratio Lower Upper  
164 100  
166 191.7 100.2 150.2#  
129 107.3 69.2 103.8#  
131 99.2 67.2 100.8





#65  
Chlorobenzene  
Concen: 0.446 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023

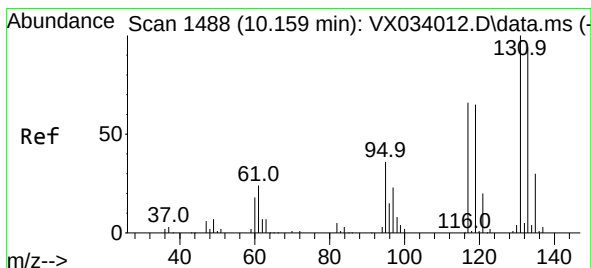
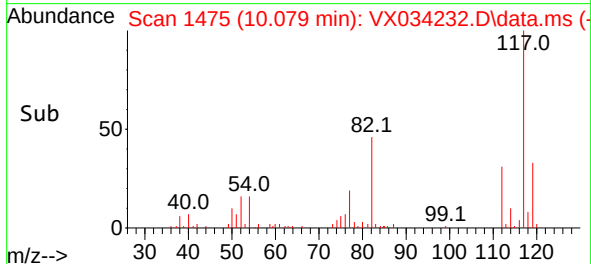
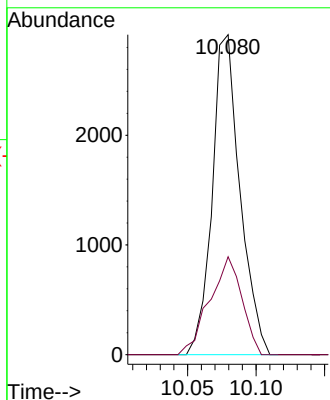
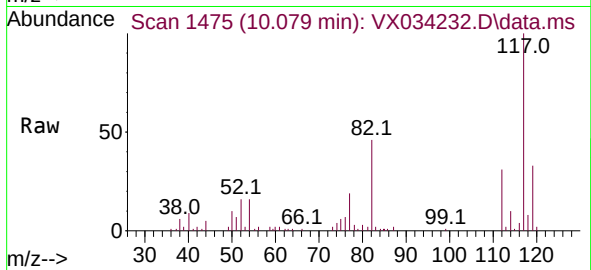
Tgt Ion:112 Resp: 411  
Ion Ratio Lower Upper  
112 100  
114 30.6 26.2 39.4

Manual Integrations  
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Reviewed By :John  
Carlone

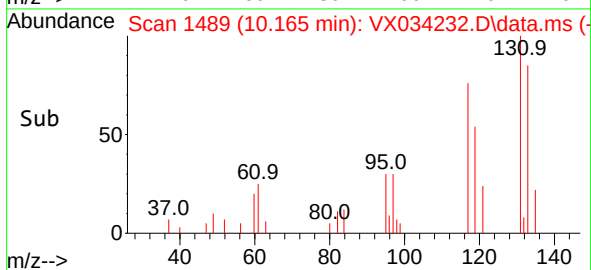
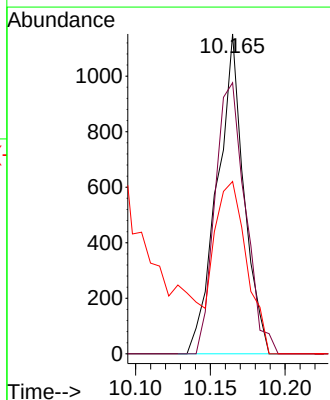
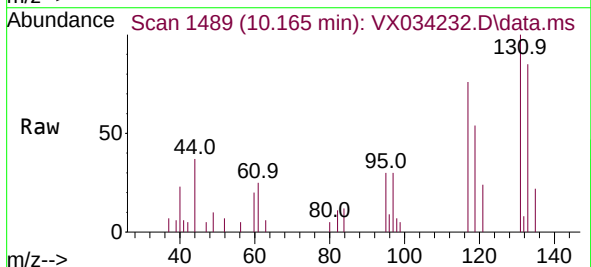
02/23/2023  
Supervised By :Mahesh  
Dadoda

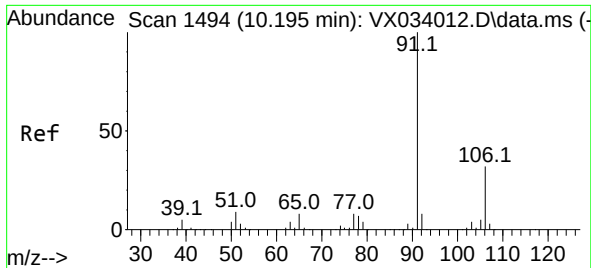
02/23/2023



#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.401 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Tgt Ion:131 Resp: 1431  
Ion Ratio Lower Upper  
131 100  
133 96.2 48.4 145.0  
119 0.0 31.9 95.7#





#67  
Ethyl Benzene  
Concen: 0.387 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023

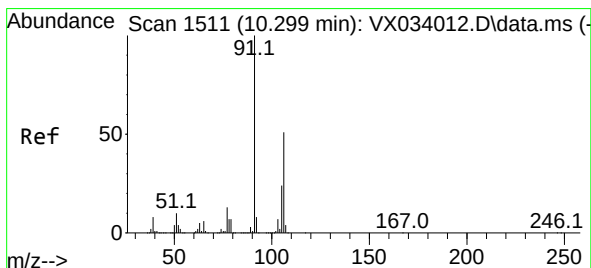
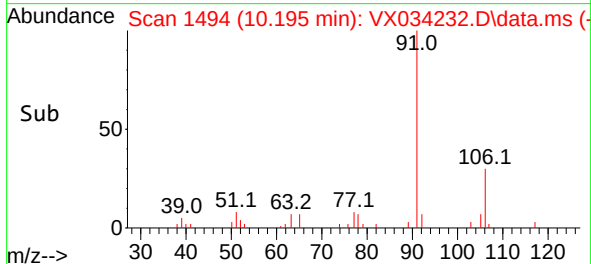
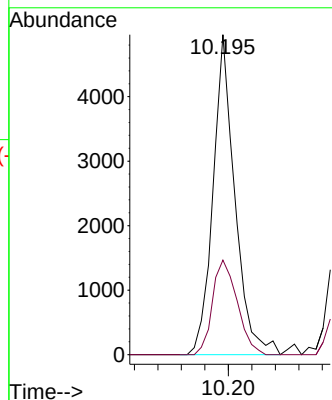
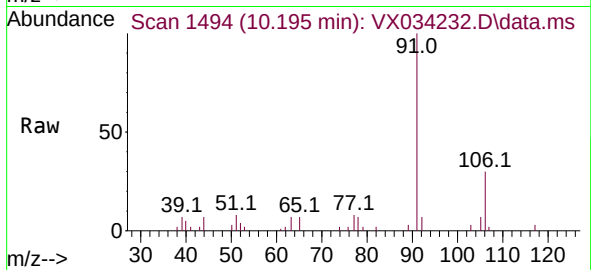
Tgt Ion: 91 Resp: 6410  
Ion Ratio Lower Upper  
91 100  
106 29.5 25.8 38.8

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

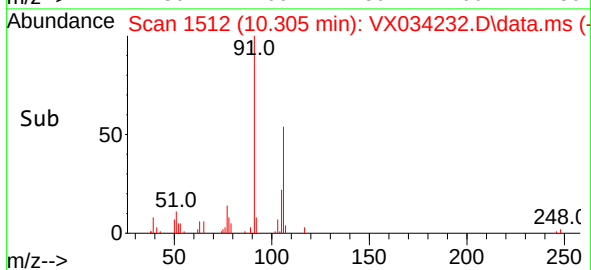
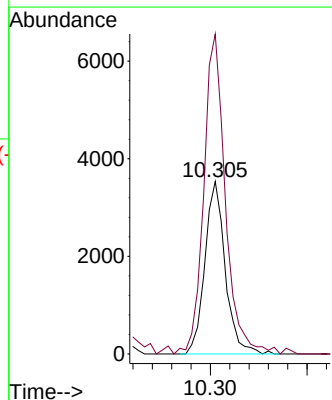
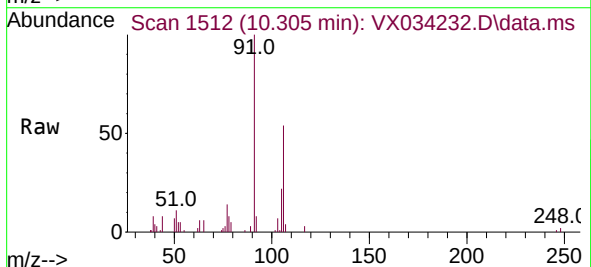
02/23/2023  
Supervised By :Mahesh  
Dadoda

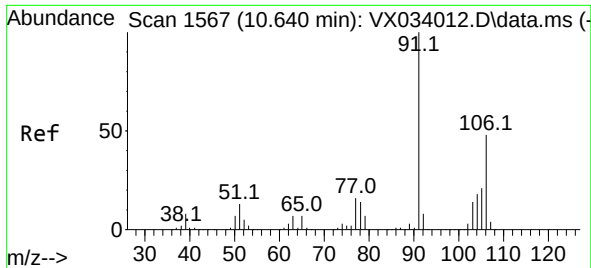
02/23/2023



#68  
m/p-Xylenes  
Concen: 0.816 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.006 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Tgt Ion:106 Resp: 5172  
Ion Ratio Lower Upper  
106 100  
91 196.5 156.4 234.6





#69  
o-Xylene  
Concen: 0.410 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023

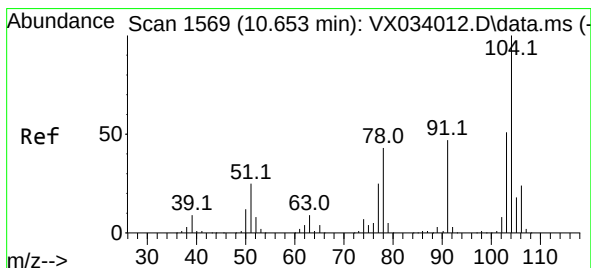
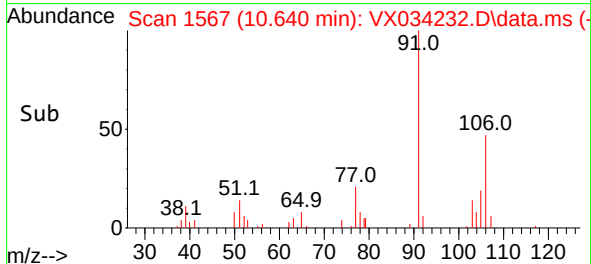
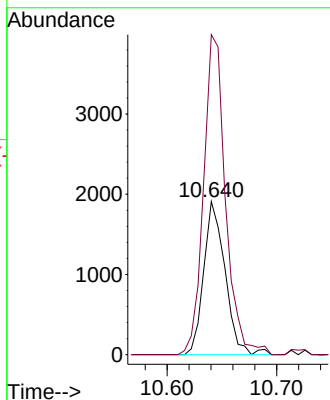
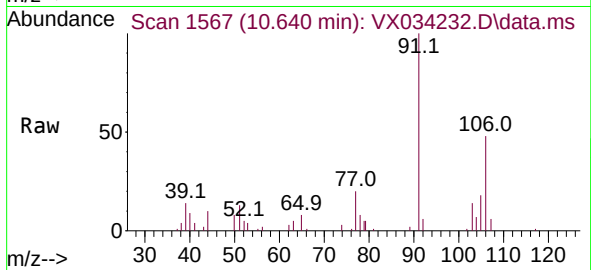
Tgt Ion:106 Resp: 258  
Ion Ratio Lower Upper  
106 100  
91 214.9 103.1 309.3

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

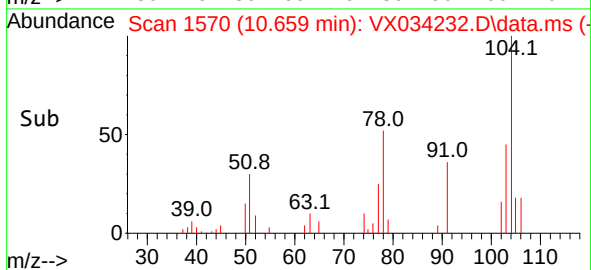
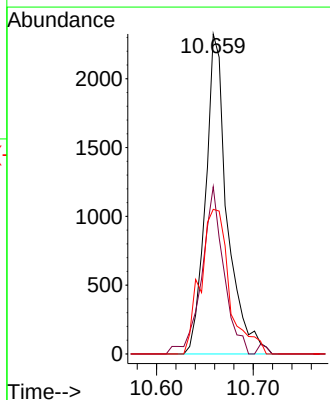
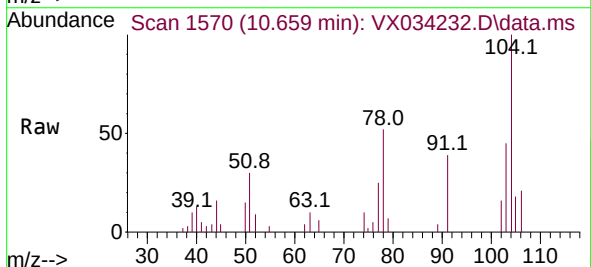
02/23/2023  
Supervised By :Mahesh  
Dadoda

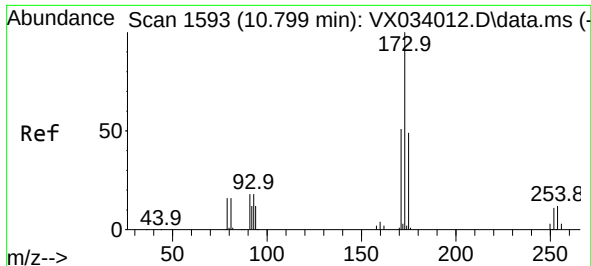
02/23/2023



#70  
Styrene  
Concen: 0.352 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

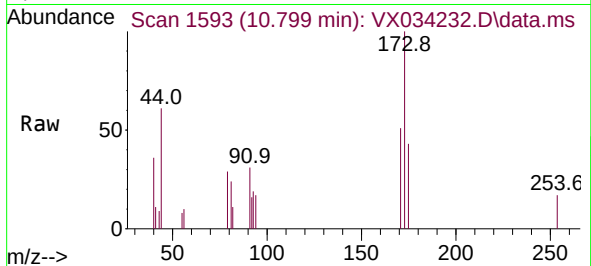
Tgt Ion:104 Resp: 3614  
Ion Ratio Lower Upper  
104 100  
78 53.1 37.5 56.3  
103 60.5 43.3 64.9





#71  
Bromoform  
Concen: 0.328 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023



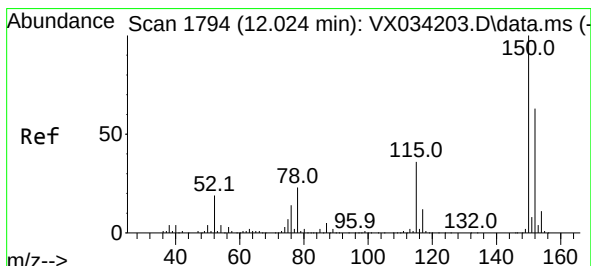
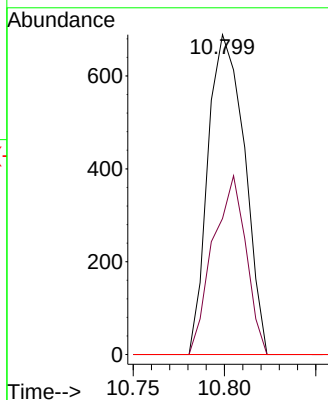
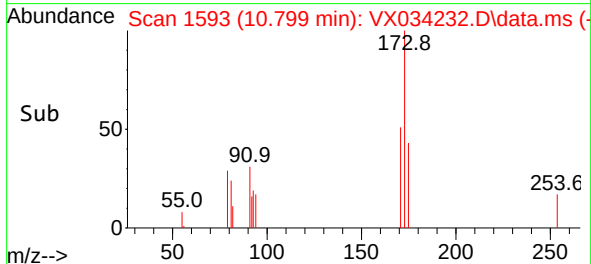
Tgt Ion:173 Resp: 950  
Ion Ratio Lower Upper  
173 100  
175 50.7 24.1 72.3  
254 0.0 0.1 0.1

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

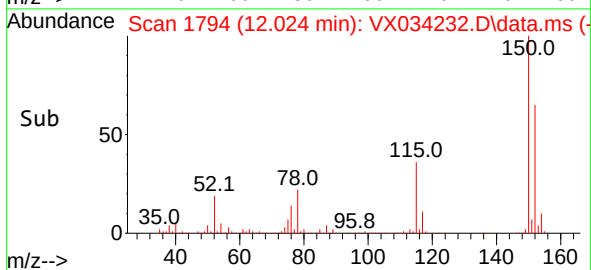
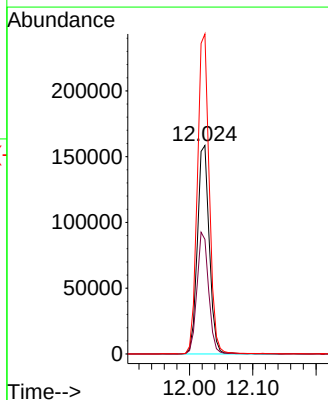
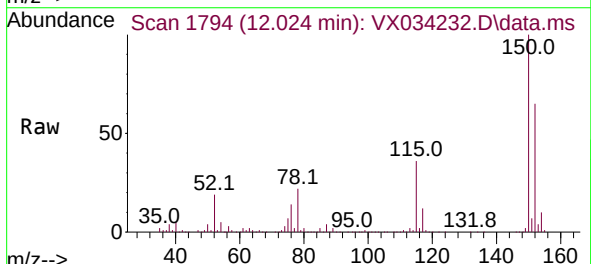
02/23/2023  
Supervised By :Mahesh  
Dadoda

02/23/2023

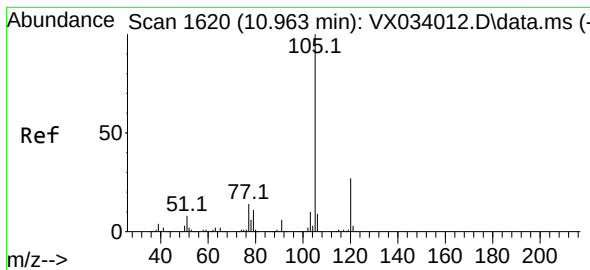


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Tgt Ion:152 Resp: 207337  
Ion Ratio Lower Upper  
152 100  
115 57.1 38.7 116.1  
150 152.9 0.0 348.2







#73

Isopropylbenzene

Concen: 0.399 ug/l

RT: 10.963 min Scan# 1601

Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion:105 Resp: 6302  
 Ion Ratio Lower Upper  
 105 100  
 120 27.1 13.6 40.8

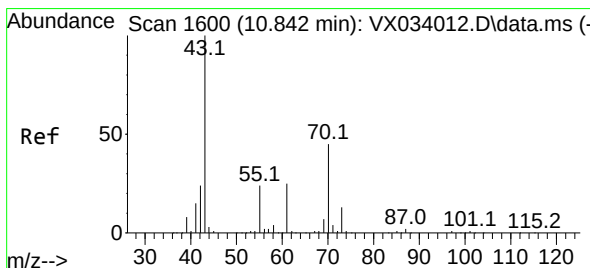
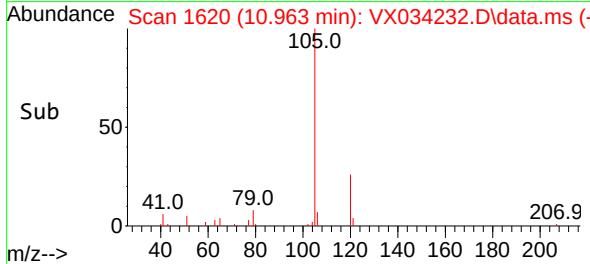
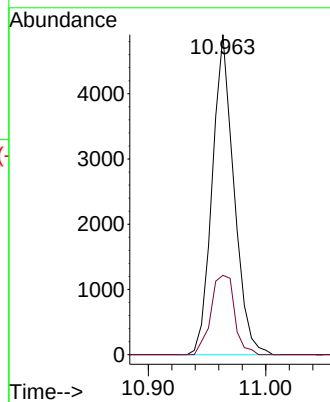
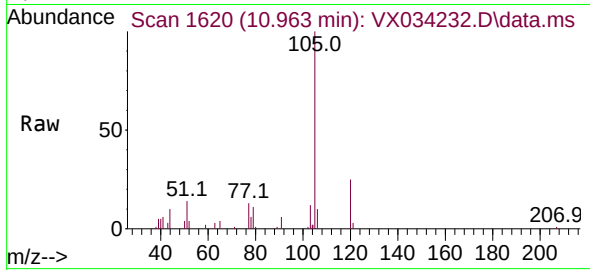
Manual Integrations  
 APPROVED

Reviewed By :John  
 Carlone

02/23/2023

Supervised By :Mahesh  
 Dadoda

02/23/2023



#74

N-ethyl acetate

Concen: 0.381 ug/l

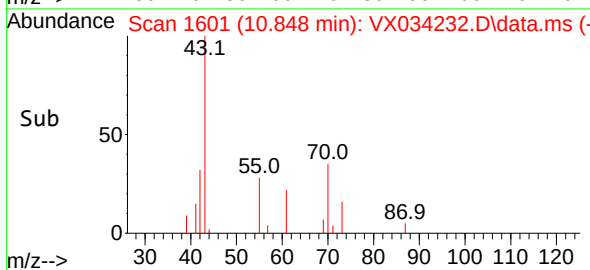
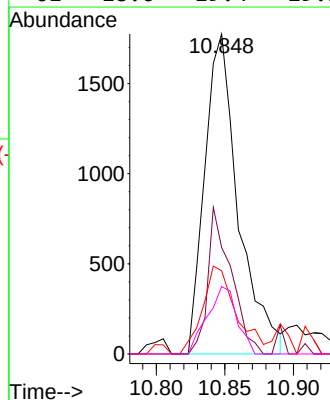
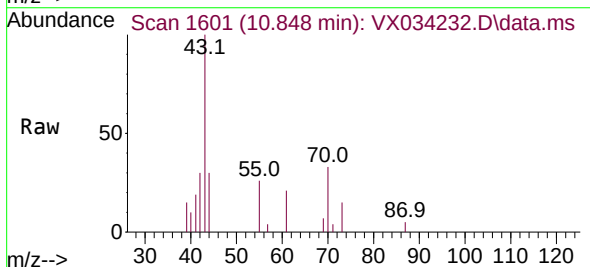
RT: 10.848 min Scan# 1601

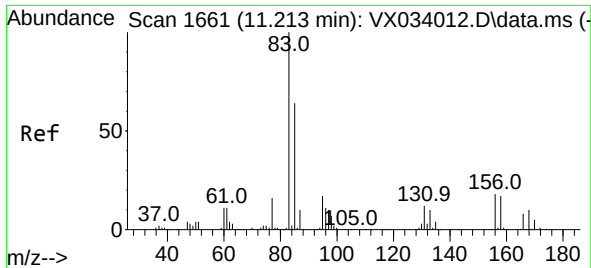
Delta R.T. 0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Tgt Ion: 43 Resp: 3026  
 Ion Ratio Lower Upper  
 43 100  
 70 31.8 34.8 52.2#  
 55 27.5 19.4 29.0  
 61 18.6 19.4 29.2#





#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.358 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument : MSVOA\_X  
ClientSampleId : MDL-WATER-03-QT1-2023

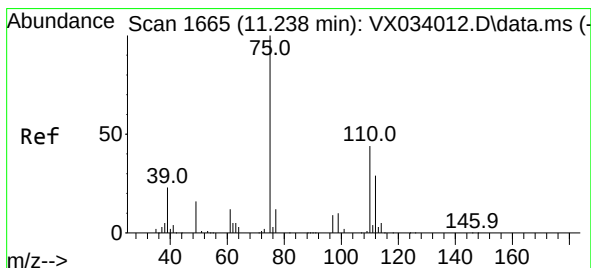
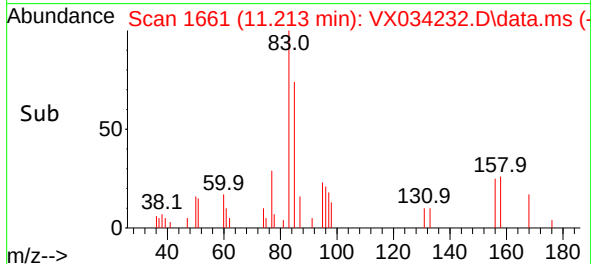
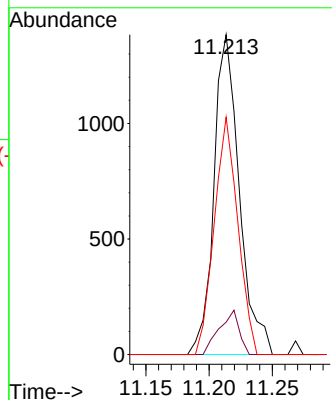
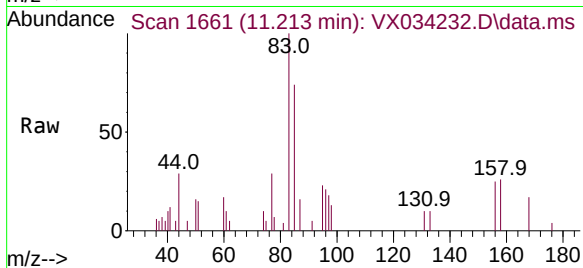
Tgt Ion: 83 Resp: 1938  
Ion Ratio Lower Upper  
83 100  
131 10.9 5.5 16.7  
85 68.7 32.3 96.9

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

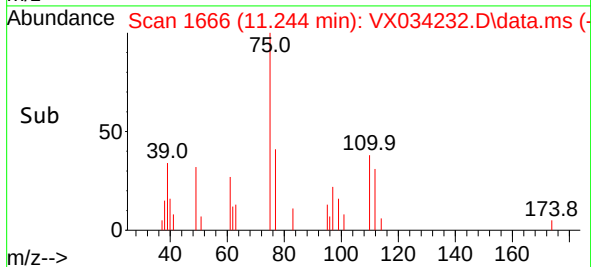
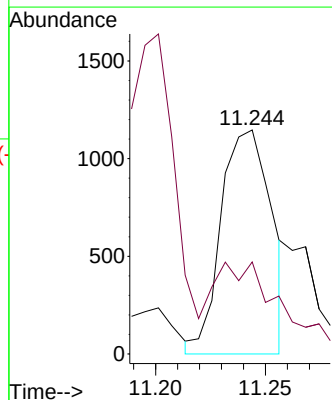
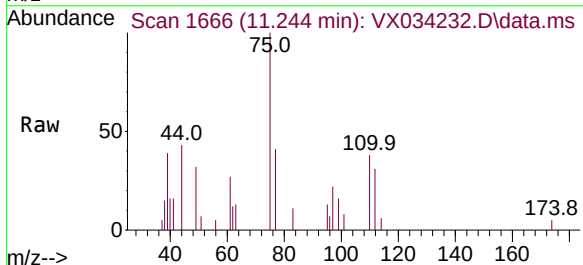
02/23/2023  
Supervised By :Mahesh  
Dadoda

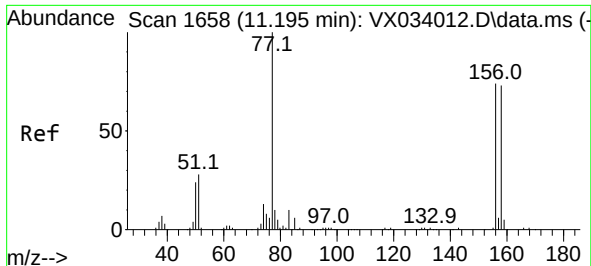
02/23/2023



#76  
1,2,3-Trichloropropane  
Concen: 0.350 ug/l m  
RT: 11.244 min Scan# 1666  
Delta R.T. 0.006 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

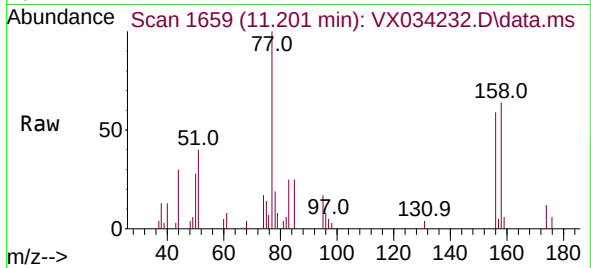
Tgt Ion: 75 Resp: 1827  
Ion Ratio Lower Upper  
75 100  
77 71.7 21.8 65.4#





#77  
Bromobenzene  
Concen: 0.384 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.006 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023



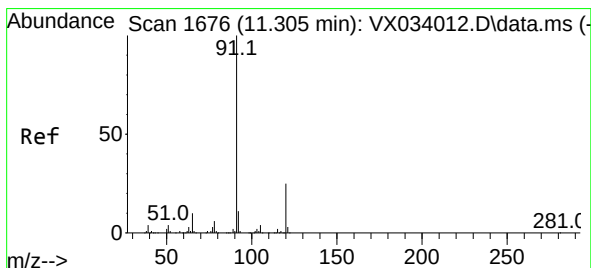
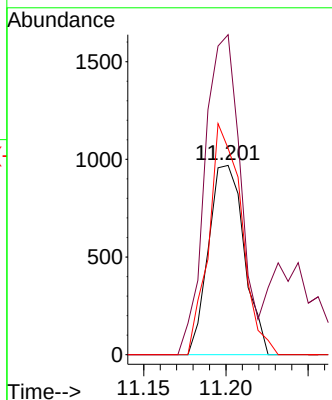
Tgt Ion:156 Resp: 1459  
Ion Ratio Lower Upper  
156 100  
77 168.3 68.1 204.3  
158 112.3 48.0 144.2

Manual Integrations  
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Reviewed By :John  
Carlone

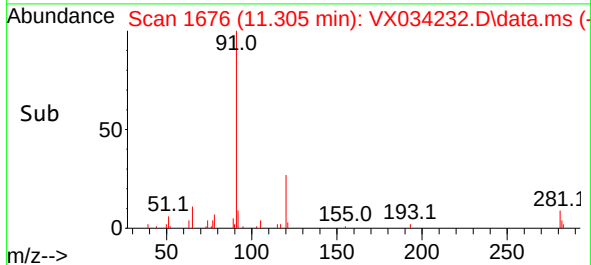
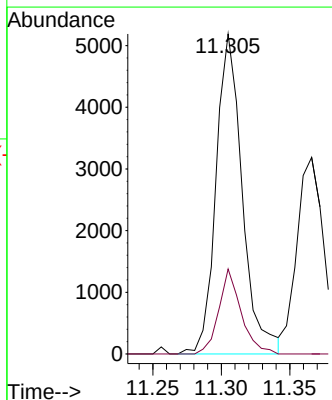
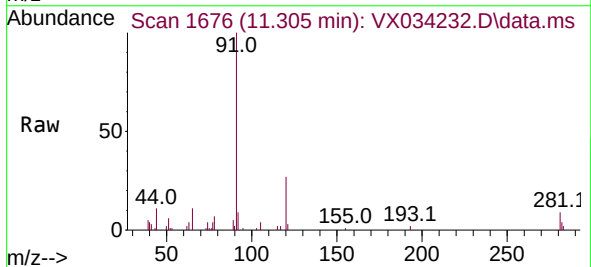
02/23/2023  
Supervised By :Mahesh  
Dadoda

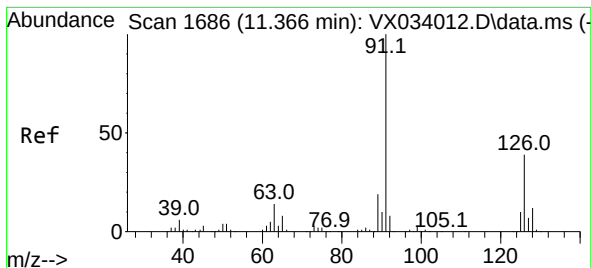
02/23/2023



#78  
n-propylbenzene  
Concen: 0.376 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Tgt Ion: 91 Resp: 6911  
Ion Ratio Lower Upper  
91 100  
120 22.6 12.3 36.8





#79  
2-Chlorotoluene  
Concen: 0.407 ug/l  
RT: 11.366 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023

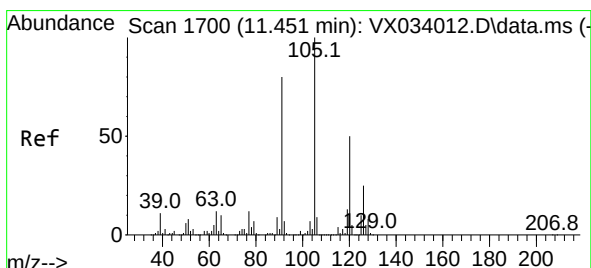
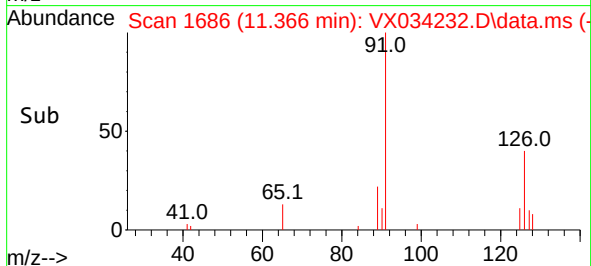
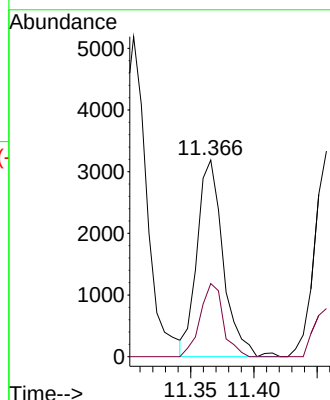
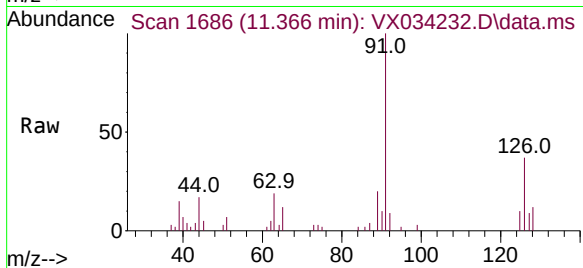
Tgt Ion: 91 Resp: 458  
Ion Ratio Lower Upper  
91 100  
126 32.9 18.1 54.1

Manual Integrations  
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Reviewed By :John  
Carlone

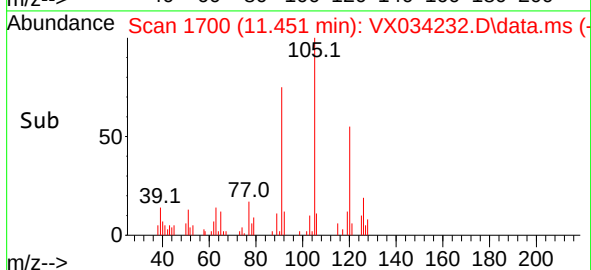
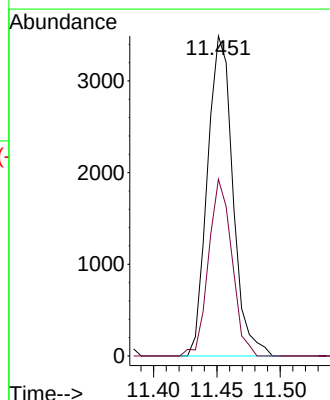
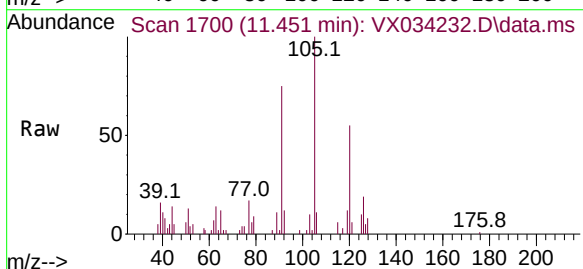
02/23/2023  
Supervised By :Mahesh  
Dadoda

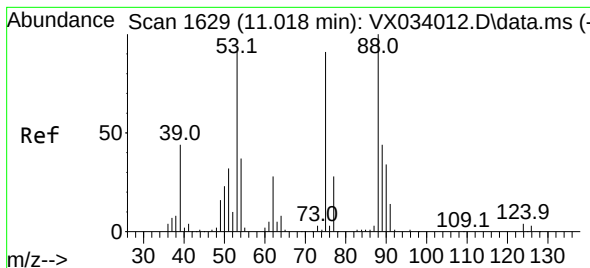
02/23/2023



#80  
1,3,5-Trimethylbenzene  
Concen: 0.367 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

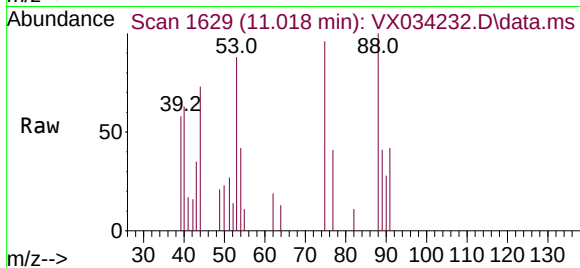
Tgt Ion:105 Resp: 4879  
Ion Ratio Lower Upper  
105 100  
120 50.6 25.6 76.8





#81  
trans-1,4-Dichloro-2-butene  
Concen: 0.138 ug/l m  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument : MSVOA\_X  
ClientSampleId : MDL-WATER-03-QT1-2023



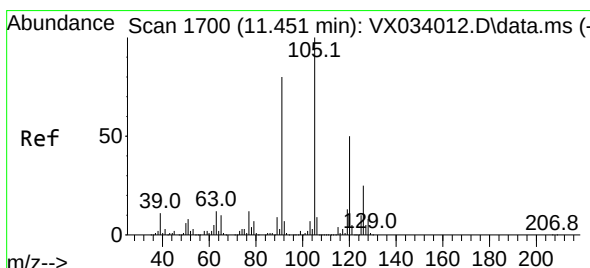
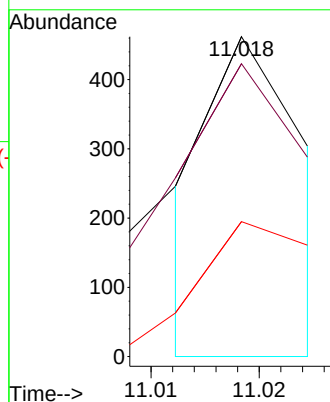
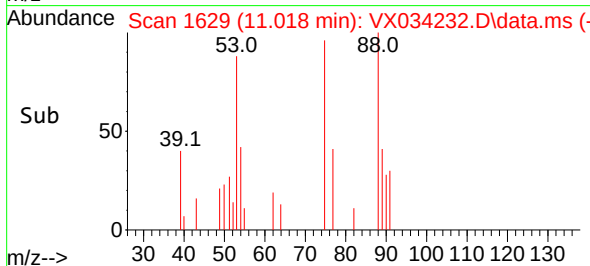
Tgt Ion: 75 Resp: 280  
Ion Ratio Lower Upper  
75 100  
53 0.0 83.0 124.6  
89 0.0 37.7 56.5

Manual Integrations  
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Reviewed By :John  
Carlone

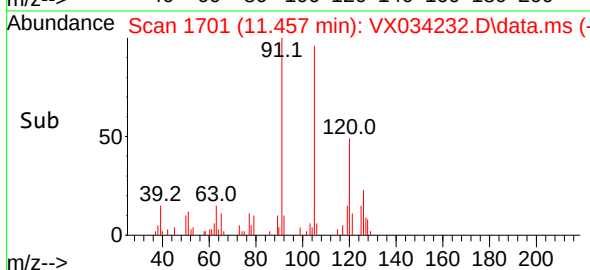
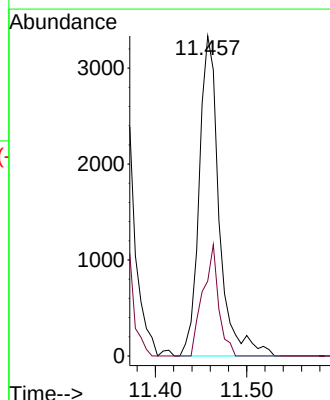
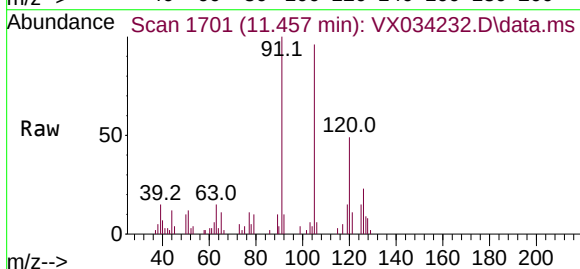
02/23/2023  
Supervised By :Mahesh  
Dadoda

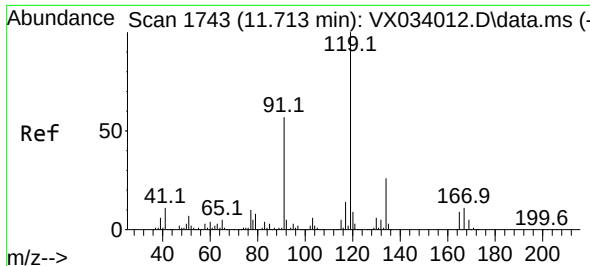
02/23/2023



#82  
4-Chlorotoluene  
Concen: 0.395 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

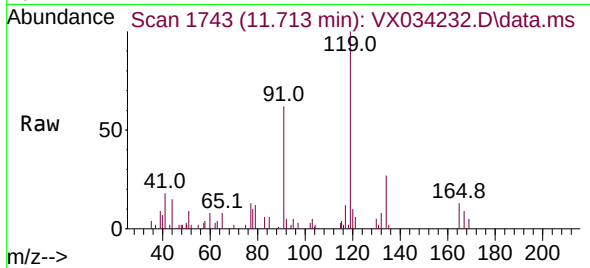
Tgt Ion: 91 Resp: 5070  
Ion Ratio Lower Upper  
91 100  
126 27.3 15.8 47.4





#83  
tert-Butylbenzene  
Concen: 0.369 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023



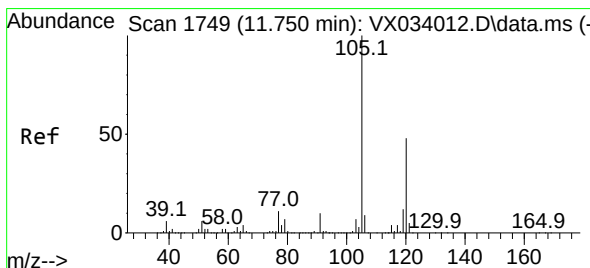
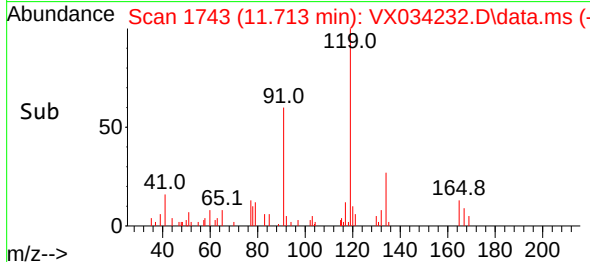
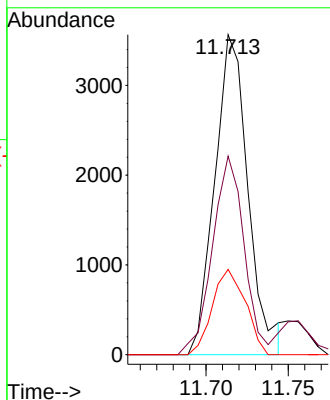
Tgt Ion:119 Resp: 502  
Ion Ratio Lower Upper  
119 100  
91 59.1 26.9 80.7  
134 26.5 12.3 36.8

Manual Integrations  
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Reviewed By :John  
Carlone

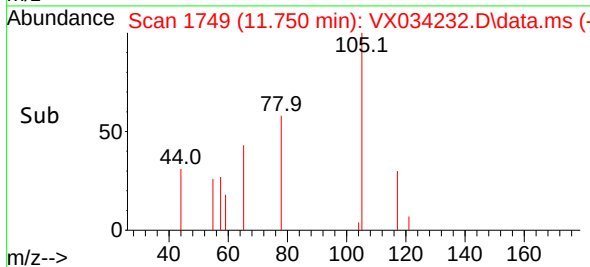
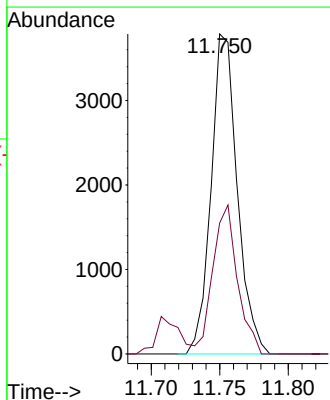
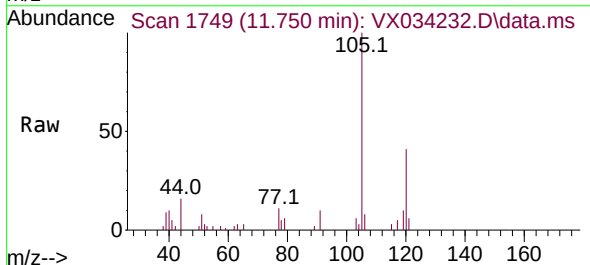
02/23/2023  
Supervised By :Mahesh  
Dadoda

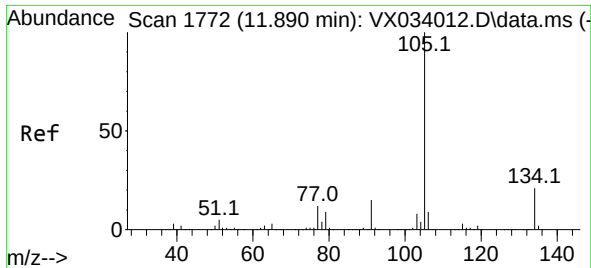
02/23/2023



#84  
1,2,4-Trimethylbenzene  
Concen: 0.375 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

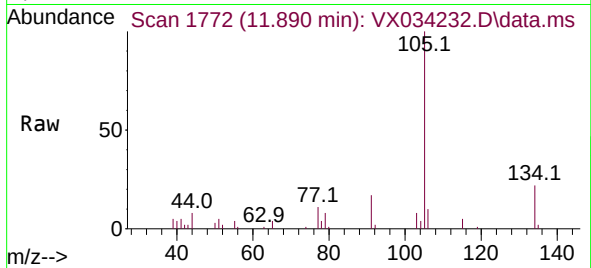
Tgt Ion:105 Resp: 5036  
Ion Ratio Lower Upper  
105 100  
120 43.6 23.4 70.2





#85  
 sec-Butylbenzene  
 Concen: 0.375 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX034232.D  
 Acq: 22 Feb 2023 16:32

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL-WATER-03-QT1-2023



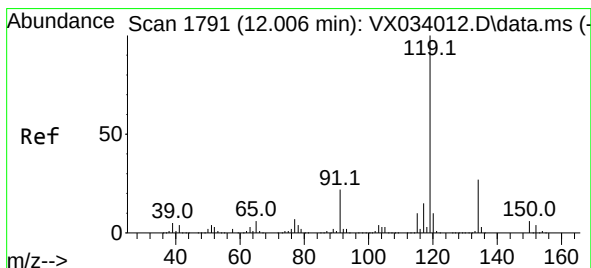
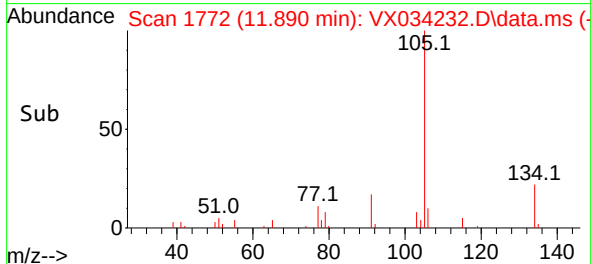
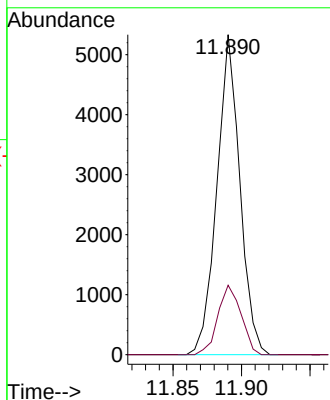
Tgt Ion:105 Resp: 620  
 Ion Ratio Lower Upper  
 105 100  
 134 22.0 10.8 32.3

Manual Integrations  
 APPROVED

Reviewed By :John  
 Carlone

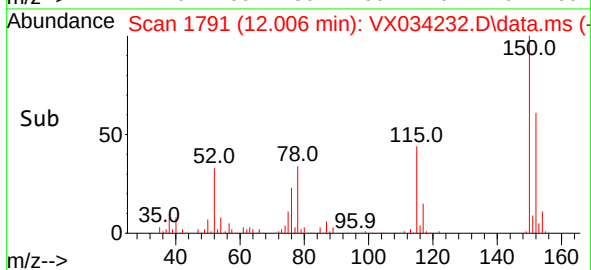
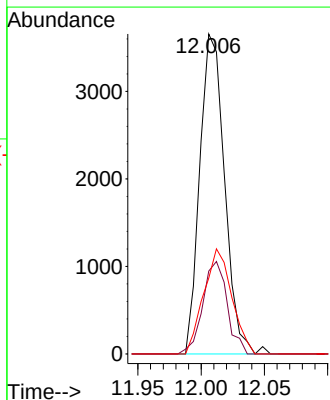
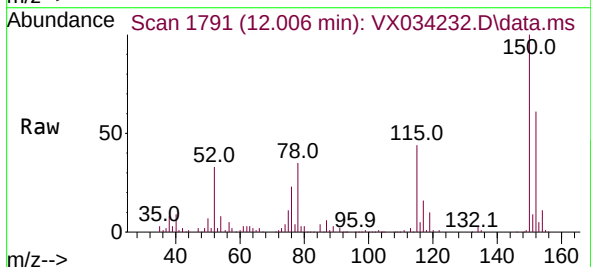
02/23/2023  
 Supervised By :Mahesh  
 Dadoda

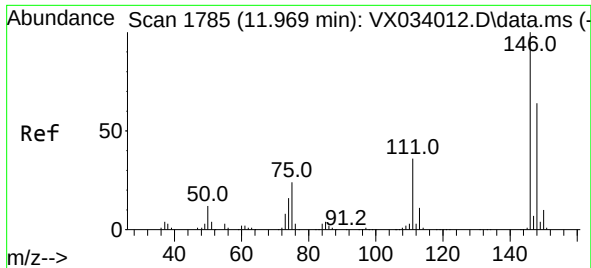
02/23/2023



#86  
 p-Isopropyltoluene  
 Concen: 0.365 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.006 min  
 Lab File: VX034232.D  
 Acq: 22 Feb 2023 16:32

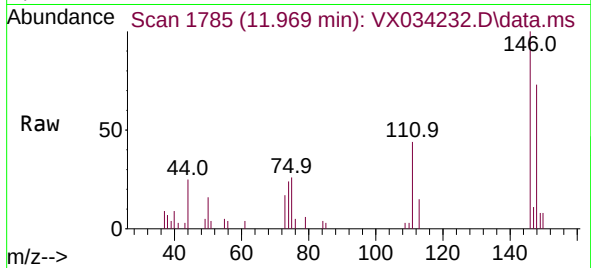
Tgt Ion:119 Resp: 4994  
 Ion Ratio Lower Upper  
 119 100  
 134 28.4 13.6 40.8  
 91 37.1 11.0 33.0#





#87  
1,3-Dichlorobenzene  
Concen: 0.408 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT1-2023



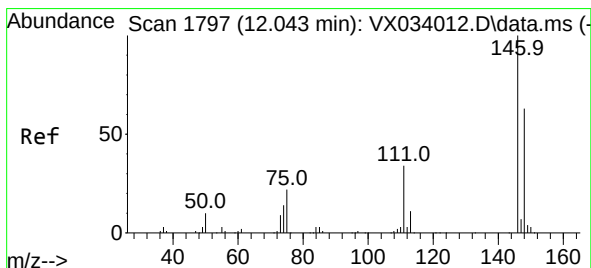
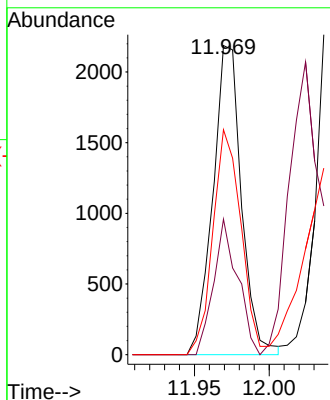
Tgt Ion:146 Resp: 2910  
Ion Ratio Lower Upper  
146 100  
111 36.9 18.6 55.6  
148 71.8 31.9 95.5

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

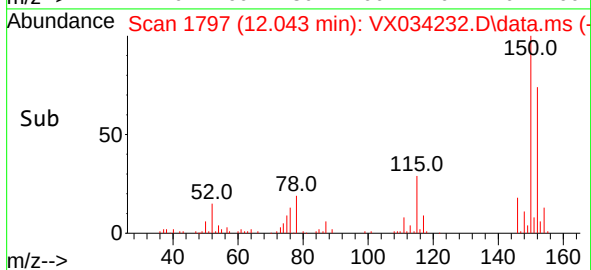
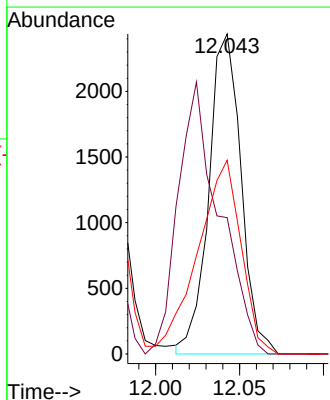
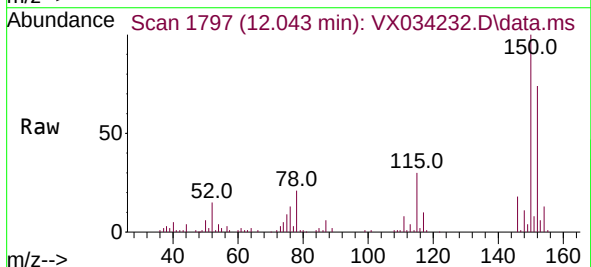
02/23/2023  
Supervised By :Mahesh  
Dadoda

02/23/2023

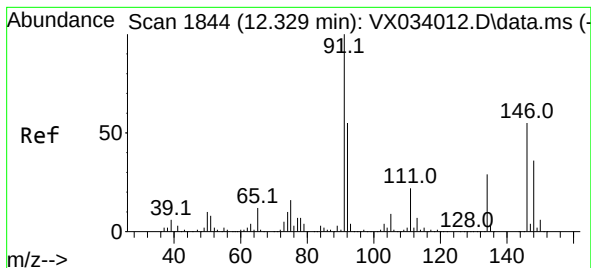


#88  
1,4-Dichlorobenzene  
Concen: 0.452 ug/l m  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Tgt Ion:146 Resp: 3253  
Ion Ratio Lower Upper  
146 100  
111 33.0 17.8 53.4  
148 64.2 32.1 96.3







#89

n-Butylbenzene

Concen: 0.328 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034232.D

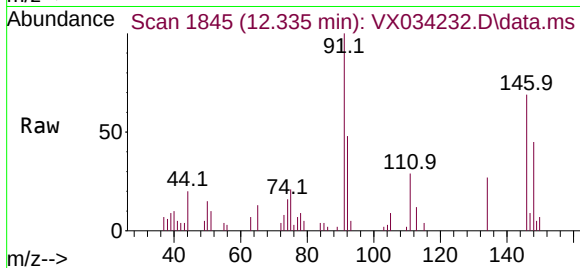
Acq: 22 Feb 2023 16:32

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT1-2023



|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 91 | Resp: | 3994      |
| Ion Ratio   | Lower | Upper     |
| 91          | 100   |           |
| 92          | 51.8  | 27.5 82.5 |
| 134         | 26.9  | 14.3 42.9 |

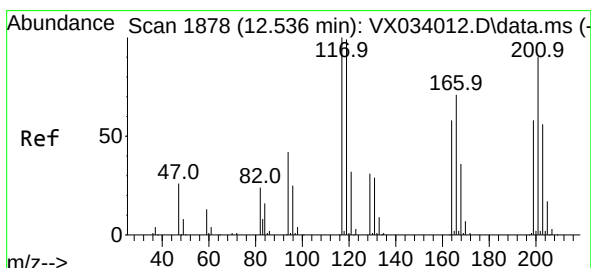
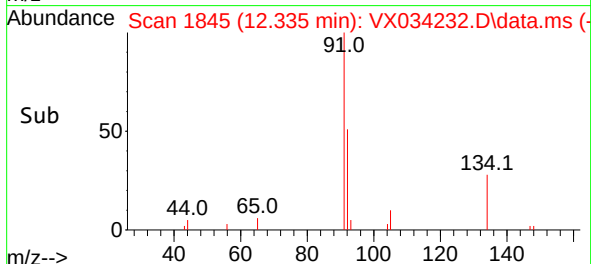
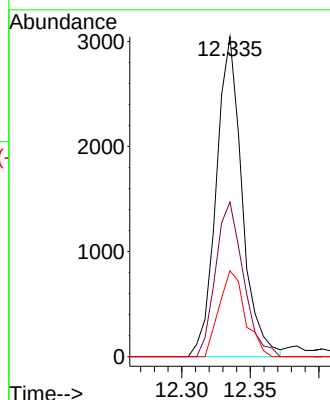
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

02/23/2023

Supervised By :Mahesh  
Dadoda

02/23/2023



#90

Hexachloroethane

Concen: 0.311 ug/l

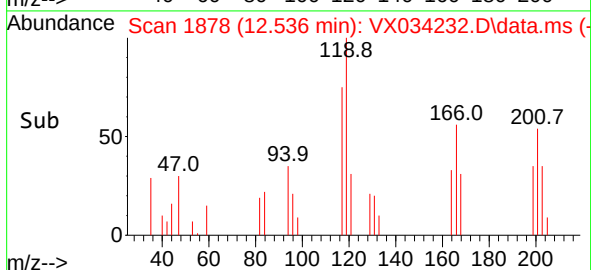
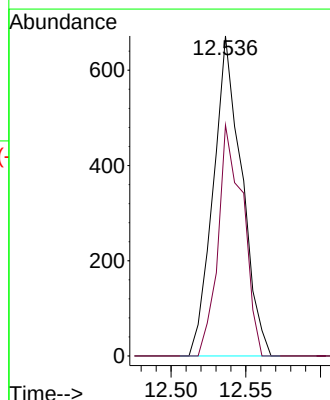
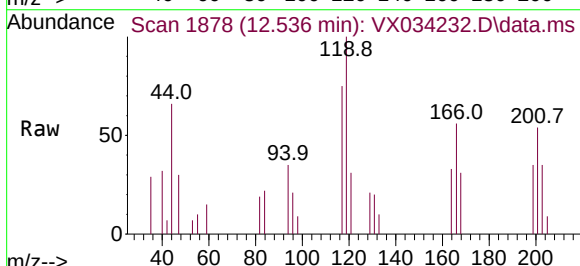
RT: 12.536 min Scan# 1878

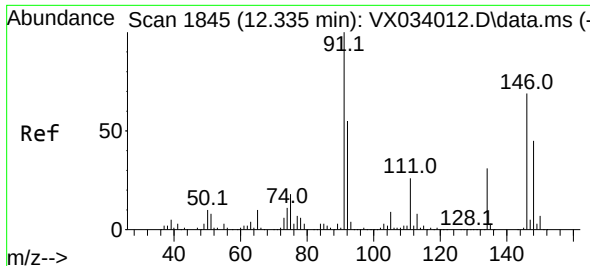
Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

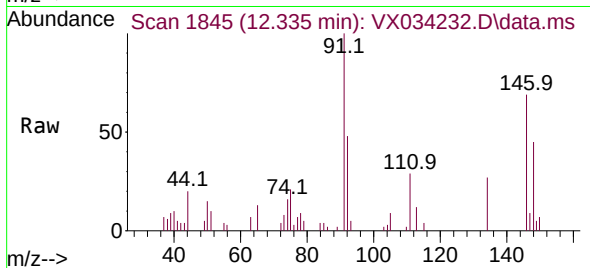
|              |       |            |
|--------------|-------|------------|
| Tgt Ion: 117 | Resp: | 888        |
| Ion Ratio    | Lower | Upper      |
| 117          | 100   |            |
| 201          | 63.1  | 45.1 135.3 |





#91  
1,2-Dichlorobenzene  
Concen: 0.401 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Instrument : MSVOA\_X  
ClientSampleId : MDL-WATER-03-QT1-2023



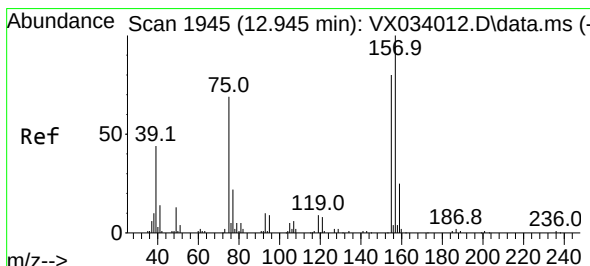
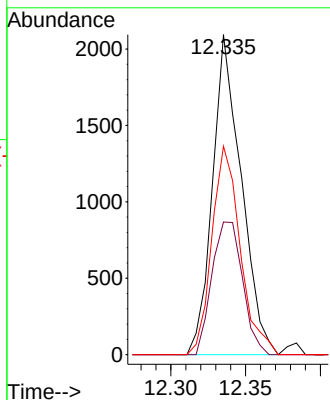
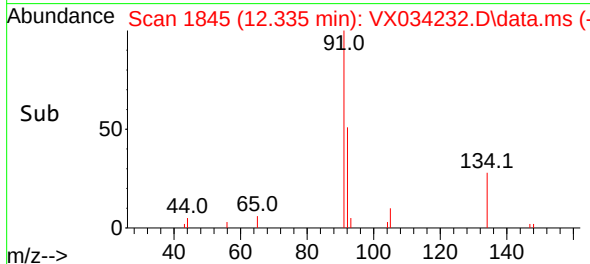
Tgt Ion:146 Resp: 279  
Ion Ratio Lower Upper  
146 100  
111 44.1 19.3 57.8  
148 64.2 32.3 96.9

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

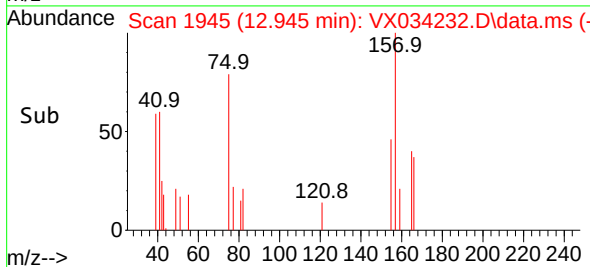
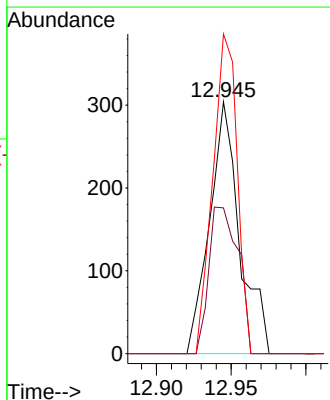
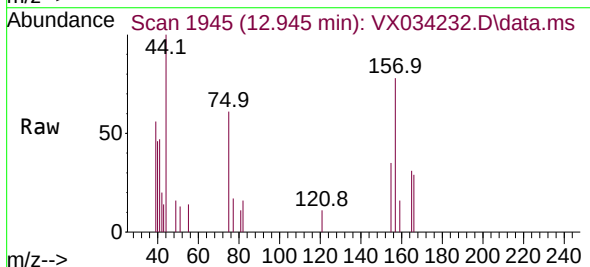
02/23/2023  
Supervised By :Mahesh  
Dadoda

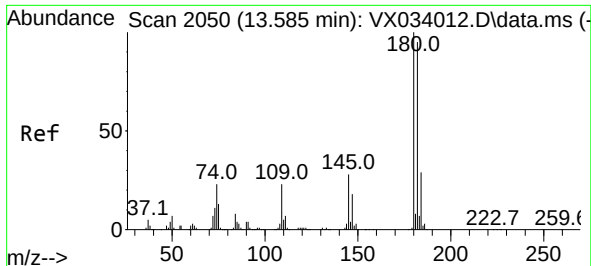
02/23/2023



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.330 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: VX034232.D  
Acq: 22 Feb 2023 16:32

Tgt Ion: 75 Resp: 425  
Ion Ratio Lower Upper  
75 100  
155 56.9 51.7 155.1  
157 102.8 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 0.393 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT1-2023

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 175        |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 93.2  | 47.9 143.6 |
| 145         | 31.8  | 14.1 42.2  |

Manual Integrations

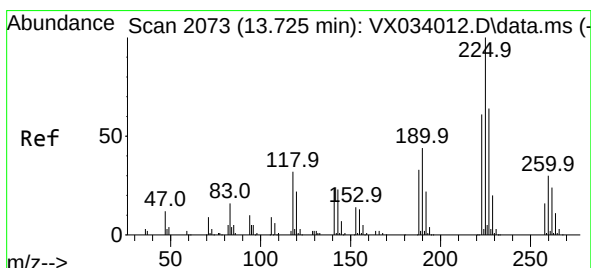
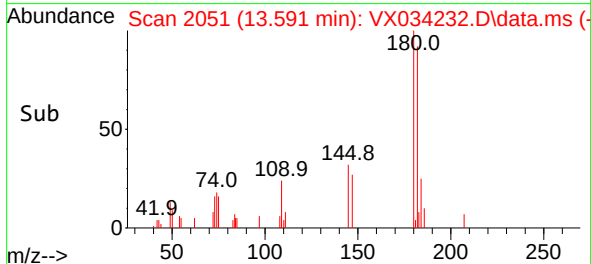
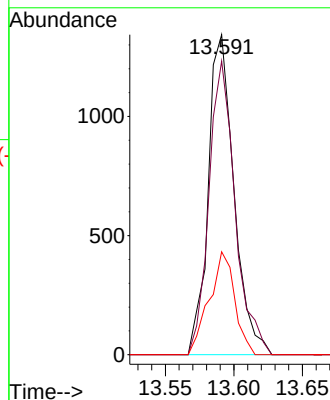
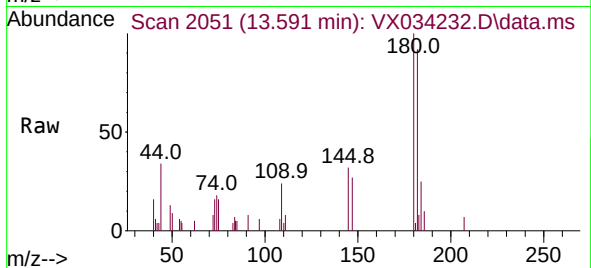
APPROVED

Reviewed By :John  
Carlone

02/23/2023

Supervised By :Mahesh  
Dadoda

02/23/2023



#94

Hexachlorobutadiene

Concen: 0.319 ug/l

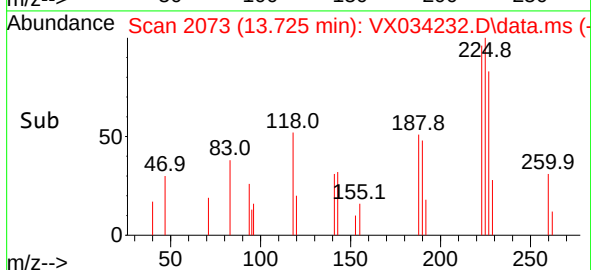
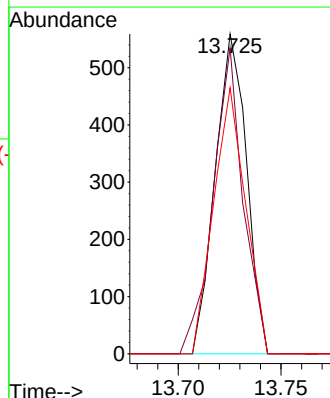
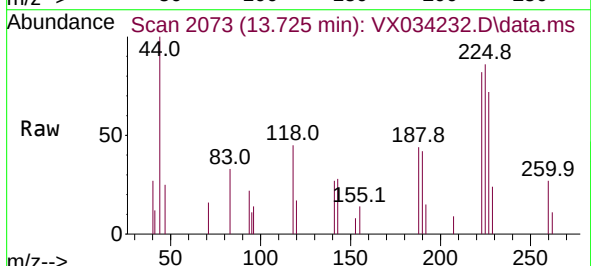
RT: 13.725 min Scan# 2073

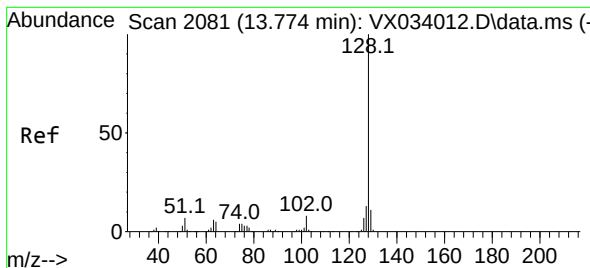
Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 593       |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 91.4  | 31.3 93.9 |
| 227         | 84.8  | 32.3 96.9 |





#95

Naphthalene

Concen: 0.495 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT1-2023

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 128   | Resp: | 747  |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 127       | 12.6  | 10.3  | 15.5 |
| 129       | 10.5  | 8.7   | 13.1 |

Manual Integrations

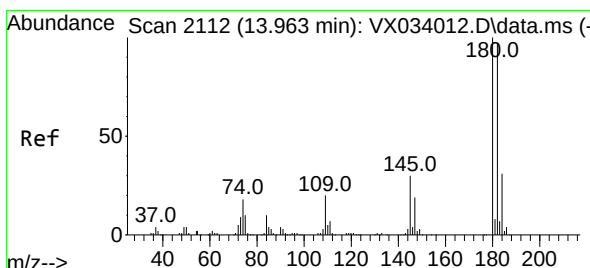
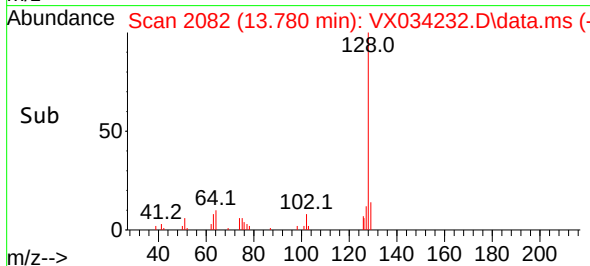
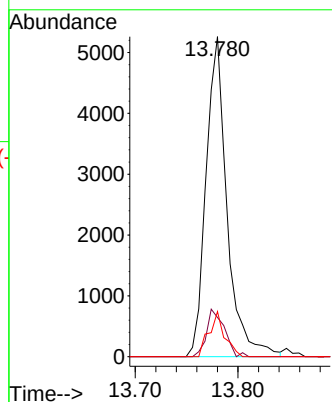
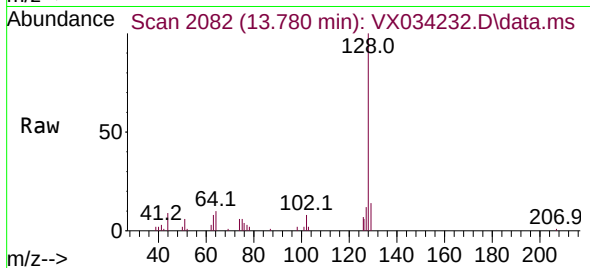
APPROVED

Reviewed By :John  
Carlone

02/23/2023

Supervised By :Mahesh  
Dadoda

02/23/2023



#96

1,2,3-Trichlorobenzene

Concen: 0.369 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034232.D

Acq: 22 Feb 2023 16:32

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 1639  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 87.5  | 47.6  | 142.9 |
| 145       | 31.4  | 15.1  | 45.3  |

