

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111821\  
 Data File : VX025205.D  
 Acq On : 18 Nov 2021 11:37  
 Operator : JC/MD  
 Sample : M4068-09 .5PPB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL-WATER-03-QT4-2021

Quant Time: Nov 19 09:51:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111721W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 19 09:51:46 2021  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :John  
 Carlone

11/19/2021  
 Supervised By :Mahesh  
 Dadoda

11/26/2021

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 117386   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 178262   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 159571   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 75331    | 50.000 | ug/l  | 0.00     |

#### System Monitoring Compounds

|                           |        |       |          |          |            |      |
|---------------------------|--------|-------|----------|----------|------------|------|
| 33) 1,2-Dichloroethane-d4 | 5.958  | 65    | 64491    | 52.121   | ug/l       | 0.00 |
| Spiked Amount             | 50.000 | Range | 78 - 117 | Recovery | = 104.240% |      |
| 35) Dibromofluoromethane  | 5.385  | 113   | 57744    | 52.794   | ug/l       | 0.00 |
| Spiked Amount             | 50.000 | Range | 75 - 124 | Recovery | = 105.580% |      |
| 50) Toluene-d8            | 8.653  | 98    | 213516   | 51.920   | ug/l       | 0.00 |
| Spiked Amount             | 50.000 | Range | 92 - 112 | Recovery | = 103.840% |      |
| 62) 4-Bromofluorobenzene  | 11.085 | 95    | 76517    | 49.183   | ug/l       | 0.00 |
| Spiked Amount             | 50.000 | Range | 83 - 123 | Recovery | = 98.360%  |      |

#### Target Compounds

|                              |       |     |      |       |        | Qvalue |
|------------------------------|-------|-----|------|-------|--------|--------|
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 407  | 0.400 | ug/l   | 82     |
| 3) Chloromethane             | 1.294 | 50  | 636  | 0.505 | ug/l   | 98     |
| 4) Vinyl Chloride            | 1.374 | 62  | 564  | 0.408 | ug/l   | 95     |
| 5) Bromomethane              | 1.599 | 94  | 814  | 1.369 | ug/l   | 91     |
| 6) Chloroethane              | 1.684 | 64  | 623  | 0.653 | ug/l # | 87     |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 879  | 0.428 | ug/l   | 84     |
| 8) Diethyl Ether             | 2.136 | 74  | 366  | 0.432 | ug/l   | 51     |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 472  | 0.432 | ug/l   | 94     |
| 10) Methyl Iodide            | 2.453 | 142 | 670  | 0.491 | ug/l # | 82     |
| 11) Tert butyl alcohol       | 2.953 | 59  | 2061 | 6.184 | ug/l # | 79     |
| 12) 1,1-Dichloroethene       | 2.325 | 96  | 489  | 0.449 | ug/l # | 63     |
| 13) Acrolein                 | 2.245 | 56  | 414  | 7.304 | ug/l # | 70     |
| 14) Allyl chloride           | 2.660 | 41  | 1041 | 0.529 | ug/l # | 87     |
| 15) Acrylonitrile            | 3.074 | 53  | 1511 | 2.276 | ug/l   | 91     |
| 16) Acetone                  | 2.379 | 43  | 2079 | 3.024 | ug/l   | 94     |
| 17) Carbon Disulfide         | 2.508 | 76  | 1493 | 0.488 | ug/l   | 100    |
| 18) Methyl Acetate           | 2.709 | 43  | 1159 | 0.528 | ug/l # | 79     |
| 19) Methyl tert-butyl Ether  | 3.117 | 73  | 1623 | 0.428 | ug/l   | 98     |
| 20) Methylene Chloride       | 2.794 | 84  | 680  | 0.526 | ug/l # | 84     |
| 21) trans-1,2-Dichloroethene | 3.087 | 96  | 532  | 0.446 | ug/l # | 75     |
| 22) Diisopropyl ether        | 3.763 | 45  | 1631 | 0.435 | ug/l # | 93     |
| 23) Vinyl Acetate            | 3.727 | 43  | 6165 | 2.047 | ug/l   | 96     |
| 24) 1,1-Dichloroethane       | 3.617 | 63  | 871  | 0.425 | ug/l # | 83     |
| 25) 2-Butanone               | 4.562 | 43  | 2333 | 2.347 | ug/l   | 90     |
| 26) 2,2-Dichloropropane      | 4.483 | 77  | 884  | 0.476 | ug/l # | 68     |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 604  | 0.434 | ug/l   | 95     |
| 28) Bromochloromethane       | 4.910 | 49  | 372  | 0.389 | ug/l # | 86     |
| 29) Tetrahydrofuran          | 5.019 | 42  | 1451 | 2.358 | ug/l   | 95     |
| 30) Chloroform               | 5.099 | 83  | 992  | 0.465 | ug/l   | 88     |
| 31) Cyclohexane              | 5.476 | 56  | 814  | 0.426 | ug/l # | 94     |
| 32) 1,1,1-Trichloroethane    | 5.391 | 97  | 916  | 0.469 | ug/l # | 43     |
| 36) 1,1-Dichloropropene      | 5.702 | 75  | 711  | 0.457 | ug/l # | 73     |
| 37) Ethyl Acetate            | 4.733 | 43  | 1066 | 0.602 | ug/l # | 75     |
| 38) Carbon Tetrachloride     | 5.684 | 117 | 788  | 0.460 | ug/l # | 82     |
| 39) Methylcyclohexane        | 7.385 | 83  | 945  | 0.474 | ug/l # | 81     |
| 40) Benzene                  | 6.050 | 78  | 1987 | 0.422 | ug/l   | 94     |

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 Operator : JC/MD  
 Sample : M4068-09 .5PPB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL-WATER-03-QT4-2021

Quant Time: Nov 19 09:51:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111721W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 19 09:51:46 2021  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :John  
 Carlone

11/19/2021  
 Supervised By :Mahesh  
 Dadoda

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 41) Methacrylonitrile         | 4.934  | 41   | 507      | 0.516 | ug/l # | 73       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 744      | 0.485 | ug/l # | 77       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 1426     | 0.484 | ug/l # | 91       |
| 44) Trichloroethene           | 7.123  | 130  | 586      | 0.428 | ug/l   | 51       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 456      | 0.394 | ug/l   | 90       |
| 46) Dibromomethane            | 7.586  | 93   | 368      | 0.438 | ug/l # | 87       |
| 47) Bromodichloromethane      | 7.830  | 83   | 660      | 0.400 | ug/l # | 94       |
| 48) Methyl methacrylate       | 7.702  | 41   | 740      | 0.535 | ug/l   | 91       |
| 49) 1,4-Dioxane               | 7.677  | 88   | 258      | 8.840 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 3777     | 2.045 | ug/l   | 97       |
| 52) Toluene                   | 8.720  | 92   | 1396     | 0.454 | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 680      | 0.370 | ug/l # | 82       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 742      | 0.373 | ug/l # | 90       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 533      | 0.436 | ug/l   | 91       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 716      | 0.361 | ug/l # | 81       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 849      | 0.419 | ug/l   | 90       |
| 58) 2-Chloroethyl Vinyl ether | 8.250  | 63   | 1789     | 1.938 | ug/l # | 89       |
| 59) 2-Hexanone                | 9.433  | 43   | 2937     | 2.017 | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.518  | 129  | 622      | 0.442 | ug/l   | 81       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 650      | 0.491 | ug/l   | 84       |
| 64) Tetrachloroethene         | 9.281  | 164  | 628      | 0.477 | ug/l   | 85       |
| 65) Chlorobenzene             | 10.079 | 112  | 1518     | 0.467 | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 515      | 0.413 | ug/l # | 64       |
| 67) Ethyl Benzene             | 10.195 | 91   | 2556     | 0.455 | ug/l   | 91       |
| 68) m/p-Xylenes               | 10.305 | 106  | 1927     | 0.840 | ug/l   | 95       |
| 69) o-Xylene                  | 10.646 | 106  | 1121     | 0.499 | ug/l   | 77       |
| 70) Styrene                   | 10.658 | 104  | 1512     | 0.407 | ug/l # | 91       |
| 71) Bromoform                 | 10.799 | 173  | 477      | 0.441 | ug/l # | 88       |
| 73) Isopropylbenzene          | 10.963 | 105  | 2391     | 0.445 | ug/l   | 97       |
| 74) N-amyl acetate            | 10.847 | 43   | 955      | 0.411 | ug/l # | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 805      | 0.464 | ug/l   | 91       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 754m     | 0.489 | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 623      | 0.451 | ug/l   | 91       |
| 78) n-propylbenzene           | 11.305 | 91   | 2641     | 0.438 | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 1725     | 0.470 | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 1985     | 0.440 | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 11.024 | 75   | 253m     | 0.413 | ug/l   |          |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 1851     | 0.442 | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 2382     | 0.519 | ug/l   | 90       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 1920     | 0.430 | ug/l   | 91       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 2424     | 0.435 | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 2032     | 0.424 | ug/l   | 88       |
| 87) 1,3-Dichlorobenzene       | 11.975 | 146  | 1123     | 0.437 | ug/l   | 94       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 1316m    | 0.505 | ug/l   |          |
| 89) n-Butylbenzene            | 12.335 | 91   | 1516     | 0.375 | ug/l   | 96       |
| 90) Hexachloroethane          | 12.542 | 117  | 316      | 0.358 | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 1090     | 0.435 | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 160      | 0.441 | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 493      | 0.334 | ug/l   | 90       |
| 94) Hexachlorobutadiene       | 13.731 | 225  | 344      | 0.486 | ug/l   | 89       |
| 95) Naphthalene               | 13.780 | 128  | 1155     | 0.252 | ug/l # | 91       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 433      | 0.300 | ug/l   | 98       |

11/26/2021

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111821\  
Data File : VX025205.D  
Acq On : 18 Nov 2021 11:37  
Operator : JC/MD  
Sample : M4068-09 .5PPB  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 19 09:51:49 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111721W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 19 09:51:46 2021  
Response via : Initial Calibration

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

11/19/2021  
Supervised By :Mahesh  
Dadoda

11/26/2021

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

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

## Manual Integrations APPROVED

11/19/2021  
Supervised By :Mahesh  
Dadoda

11/26/2021

**Abundance**

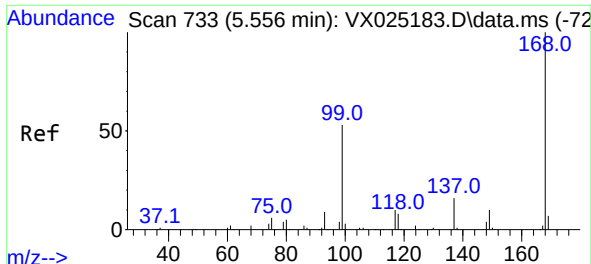
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Dadada

11/26/2021

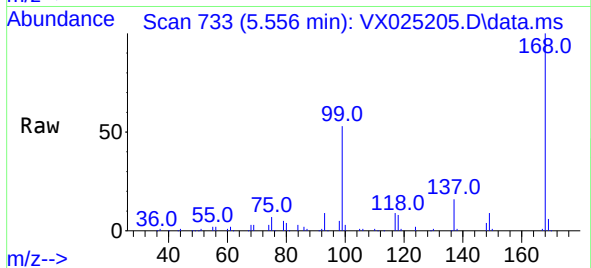
**Time-->**

Chlorodifluoromethane, T  
Chloromethane, T  
Trichlorofluoromethane, T  
Diethyl Ether, T  
Acetone, T  
Chloroform, T  
Methylene Chloride, T  
Perfluorobenzene, T  
1,1-Dichloroethane, P  
Isopropyl Alcohol, T  
2-Chloropropanol, T  
Ethyl Acetate, T  
Benzonitrile, T  
Chlorobenzene, T  
Cyclohexane, T  
Carbon tetrachloride, T  
Pentafluorobenzene, I  
1,2-Dichloroethane-d4, S  
Isopropyl Acetate, T  
1,4-Difluorobenzene, I  
Trichloroethene, TM  
Nitrobenzene, T  
Dibromochloromethane, T  
Bromodichloromethane, T  
2-Chloroethyl Vinyl ether, T  
cis-1,2-Dichloropropene  
4-Methyl-2-Pentanone, I  
Toluene-CW  
1,3-Dichloropropene, T  
Ethyl Acetate, T  
1,1-Trichloroethane, T  
1,2-Dichloroethane, T  
1,2-Dichlorobenzene, T  
1,3-Dichlorobenzene, T  
1,4-Dichlorobenzene, T  
p-Isopropyltoluene, T  
Hexachloroethane, T  
1,2-Dibromo-3-Chloropropane, T  
1,2,4-Trichlorobenzene, T  
1,2,3-Trichlorobenzene, T



#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument : MSVOA\_X  
ClientSampleId : MDL-WATER-03-QT4-2021



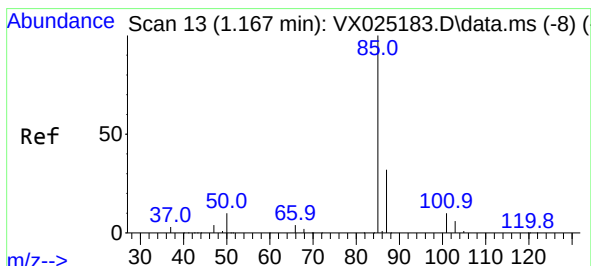
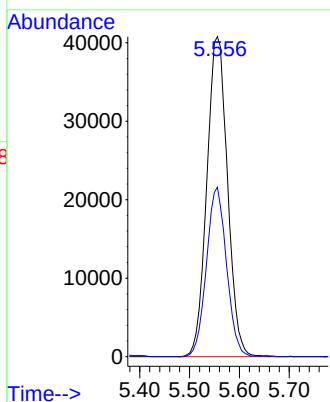
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Ion Ratio Lower Upper  
168 100  
99 53.0 46.4 69.6

Manual Integrations  
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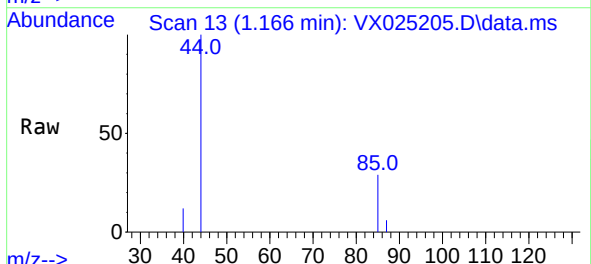
Reviewed By :John  
Carlone

11/19/2021  
Supervised By :Mahesh  
Dadoda

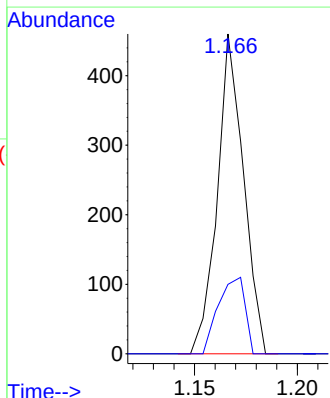
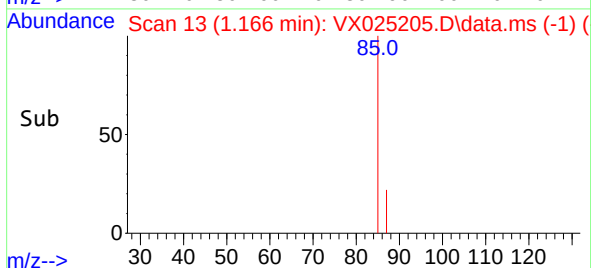
11/26/2021

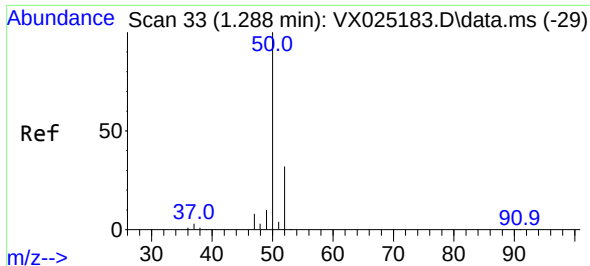


#2  
Dichlorodifluoromethane  
Concen: 0.400 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.001 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37



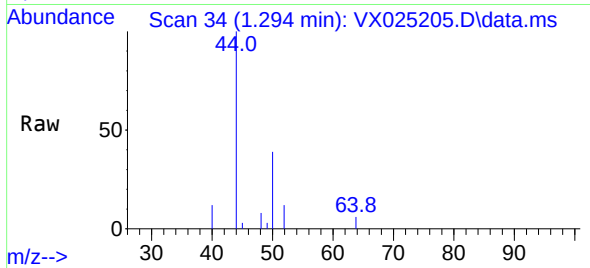
Tgt Ion: 85 Resp: 407  
Ion Ratio Lower Upper  
85 100  
87 21.7 16.0 47.9





#3  
Chloromethane  
Concen: 0.505 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021



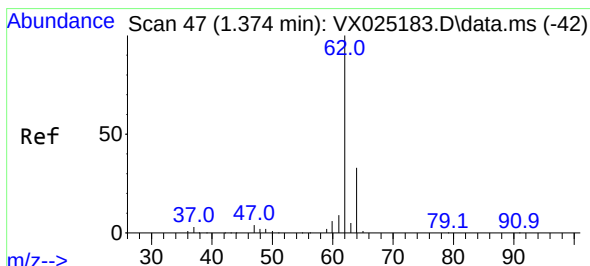
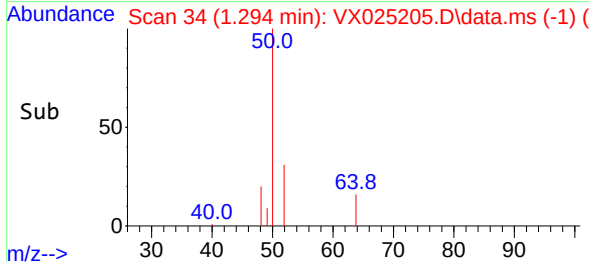
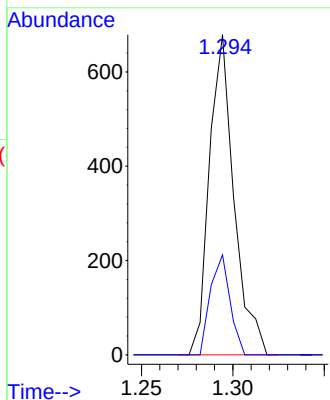
Tgt Ion: 50 Resp: 630  
Ion Ratio Lower Upper  
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Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

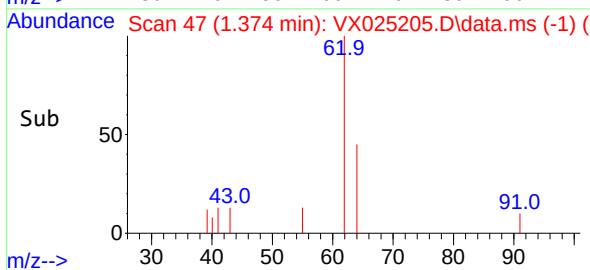
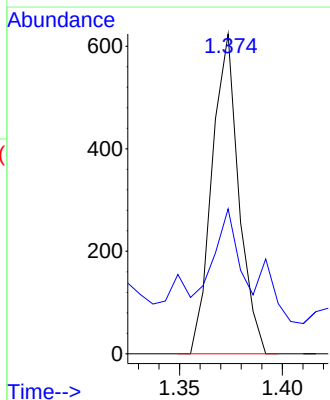
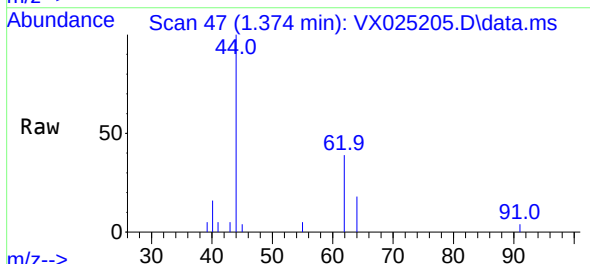
11/19/2021  
Supervised By :Mahesh  
Dadoda

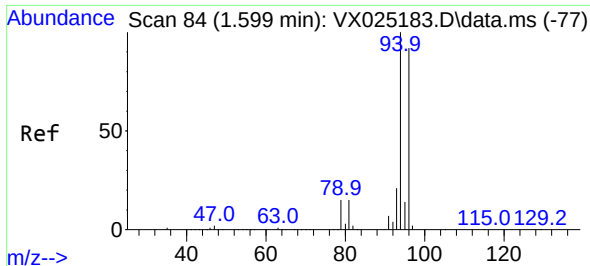
11/26/2021



#4  
Vinyl Chloride  
Concen: 0.408 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

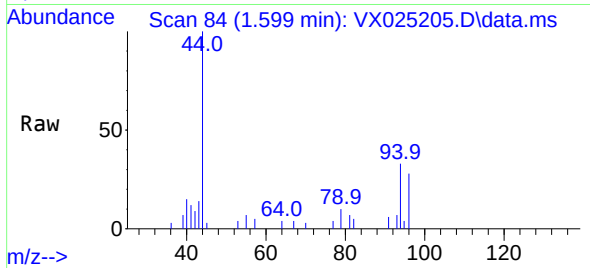
Tgt Ion: 62 Resp: 564  
Ion Ratio Lower Upper  
62 100  
64 29.6 26.0 39.0





#5  
Bromomethane  
Concen: 1.369 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021



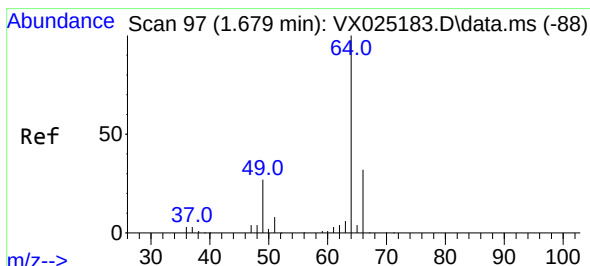
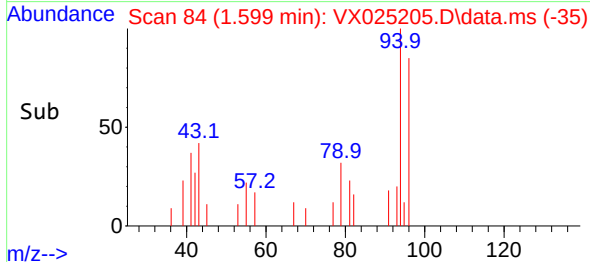
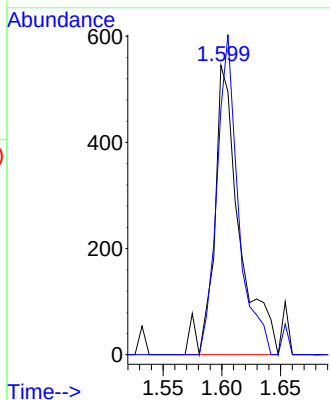
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Ion Ratio Lower Upper  
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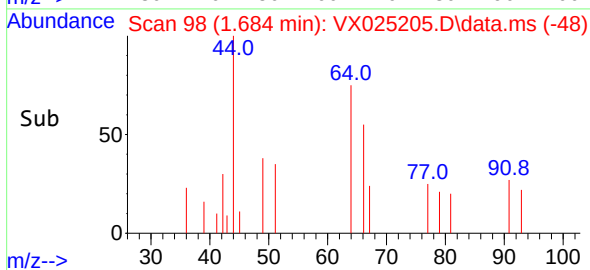
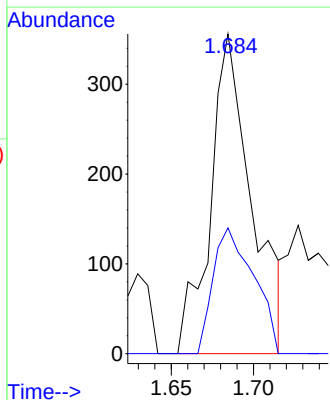
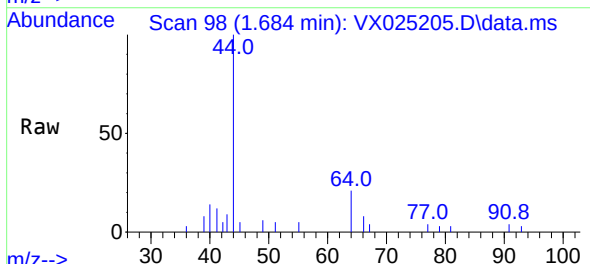
11/19/2021  
Supervised By :Mahesh  
Dadoda

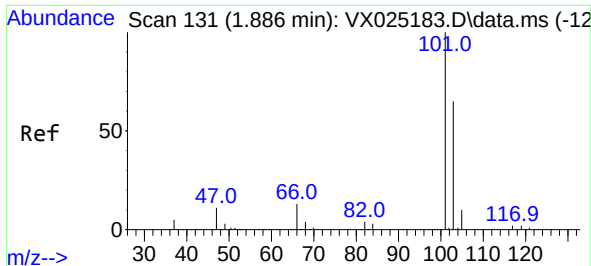
11/26/2021



#6  
Chloroethane  
Concen: 0.653 ug/l  
RT: 1.684 min Scan# 98  
Delta R.T. 0.005 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

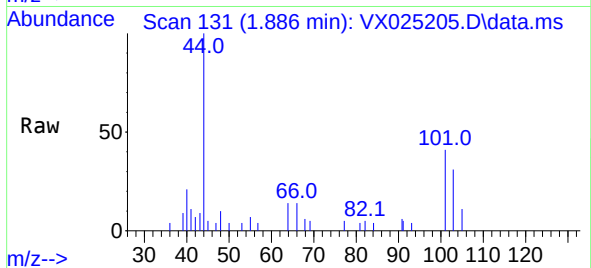
Tgt Ion: 64 Resp: 623  
Ion Ratio Lower Upper  
64 100  
66 39.3 25.6 38.4#





#7  
Trichlorofluoromethane  
Concen: 0.428 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021



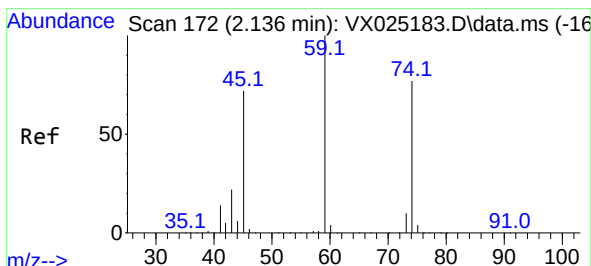
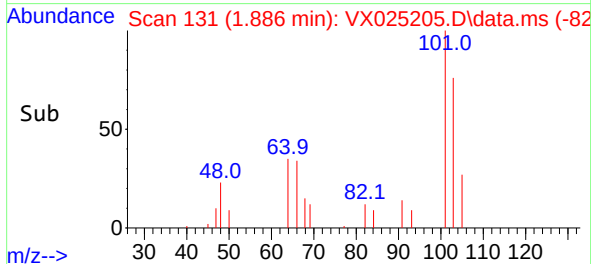
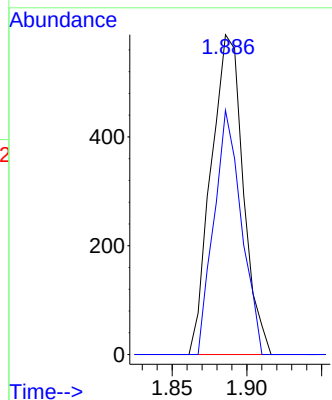
Tgt Ion:101 Resp: 879  
Ion Ratio Lower Upper  
101 100  
103 76.4 51.0 76.6

Manual Integrations  
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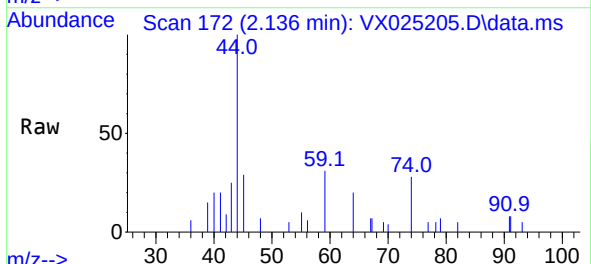
Reviewed By :John  
Carlone

11/19/2021  
Supervised By :Mahesh  
Dadoda

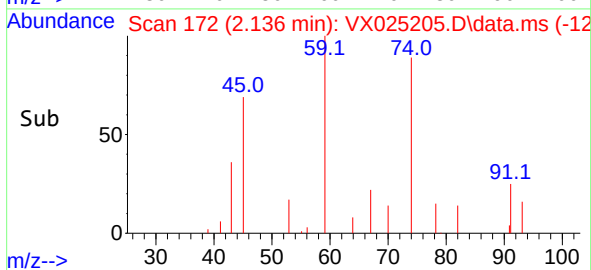
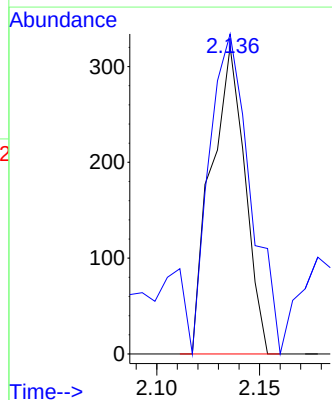
11/26/2021



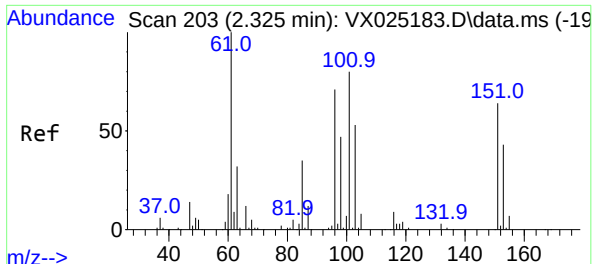
#8  
Diethyl Ether  
Concen: 0.432 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37



Tgt Ion: 74 Resp: 366  
Ion Ratio Lower Upper  
74 100  
45 142.9 47.6 142.9

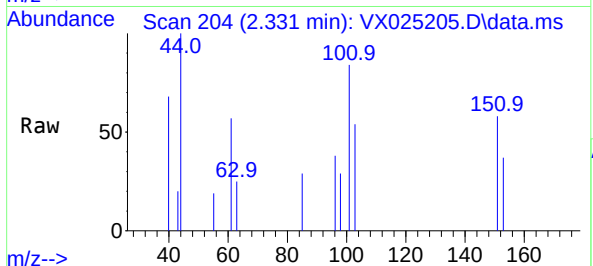






#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.432 ug/l  
RT: 2.331 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021



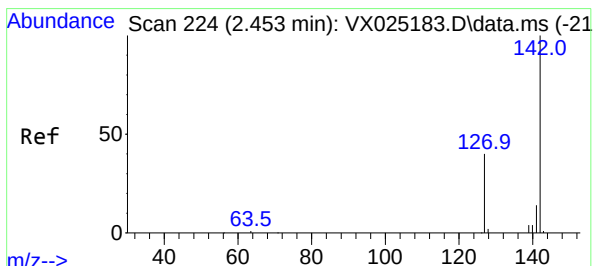
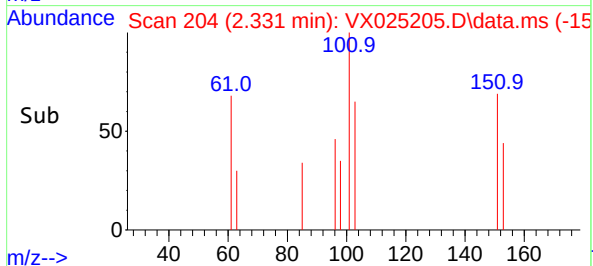
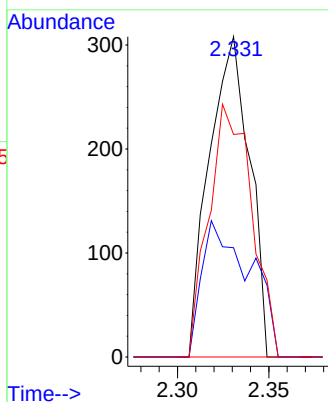
Tgt Ion:101 Resp: 472  
Ion Ratio Lower Upper  
101 100  
85 50.6 35.9 53.9  
151 84.3 64.4 96.6

Manual Integrations  
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Reviewed By :John  
Carlone

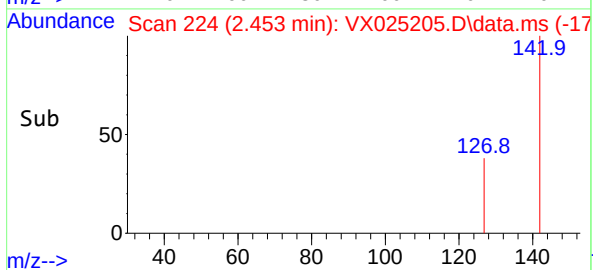
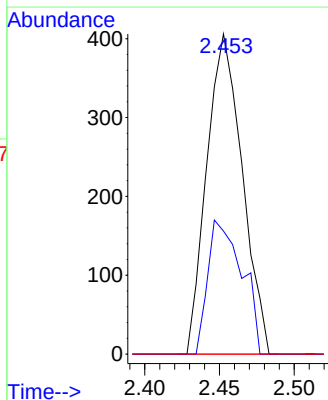
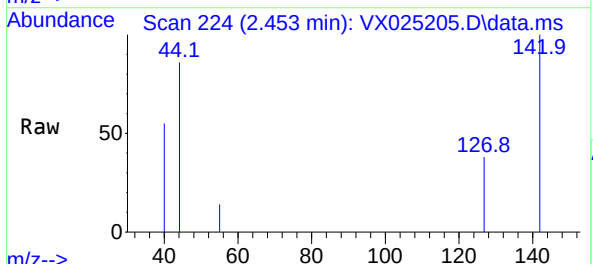
11/19/2021  
Supervised By :Mahesh  
Dadoda

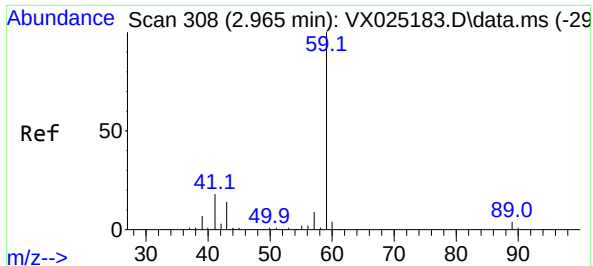
11/26/2021



#10  
Methyl Iodide  
Concen: 0.491 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Tgt Ion:142 Resp: 670  
Ion Ratio Lower Upper  
142 100  
127 40.3 38.9 58.3  
141 0.0 11.7 17.5#





#11  
Tert butyl alcohol  
Concen: 6.184 ug/l  
RT: 2.953 min Scan# 308  
Delta R.T. -0.012 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument : MSVOA\_X  
ClientSampleId : MDL-WATER-03-QT4-2021

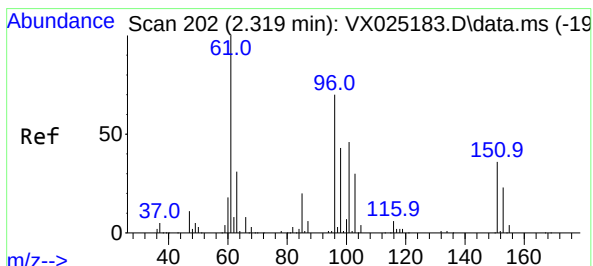
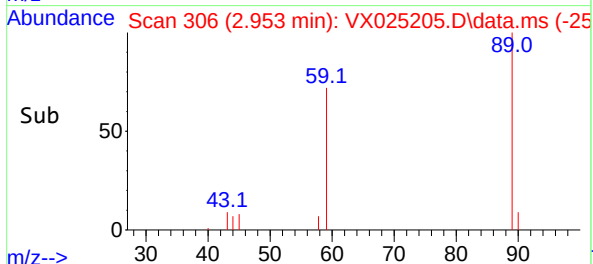
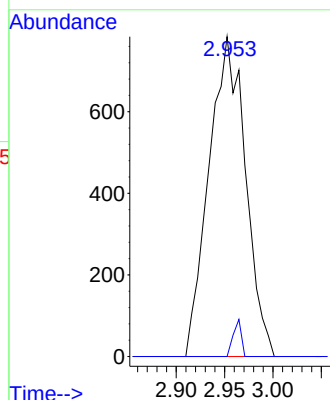
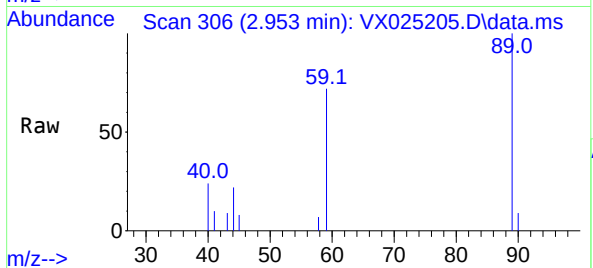
Tgt Ion: 59 Resp: 206  
Ion Ratio Lower Upper  
59 100  
57 2.5 8.5 12.7

Manual Integrations  
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Reviewed By :John  
Carlone

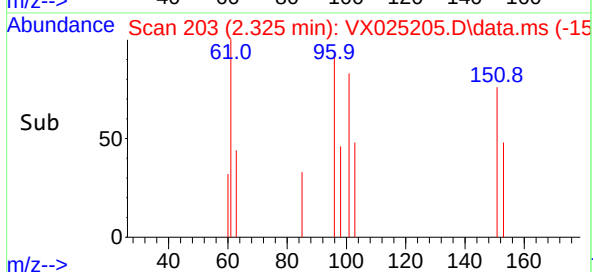
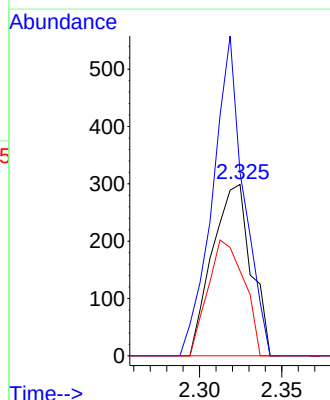
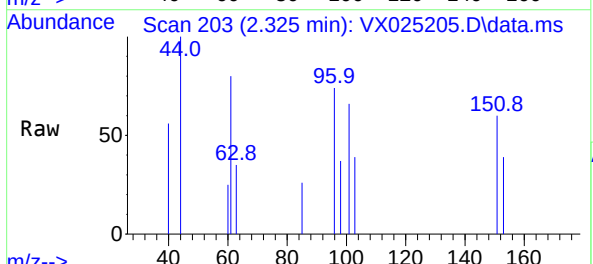
11/19/2021  
Supervised By :Mahesh  
Dadoda

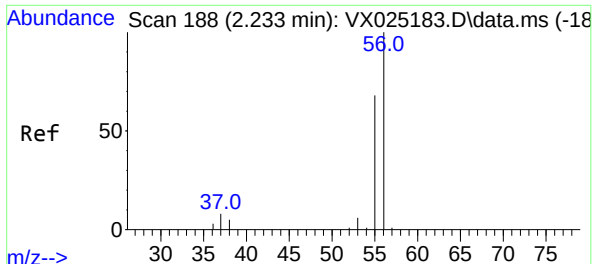
11/26/2021



#12  
1,1-Dichloroethene  
Concen: 0.449 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

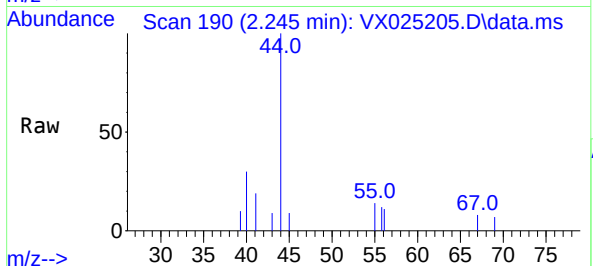
Tgt Ion: 96 Resp: 489  
Ion Ratio Lower Upper  
96 100  
61 107.0 134.1 201.1#  
98 49.5 51.5 77.3#





#13  
Acrolein  
Concen: 7.304 ug/l  
RT: 2.245 min Scan# 188  
Delta R.T. 0.012 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument : MSVOA\_X  
ClientSampleId : MDL-WATER-03-QT4-2021



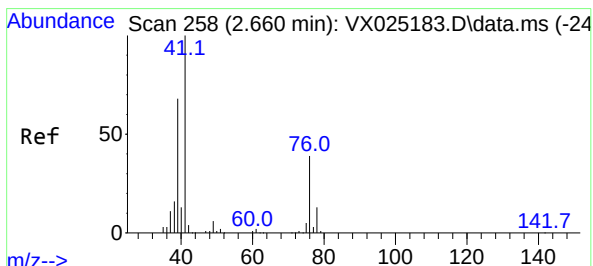
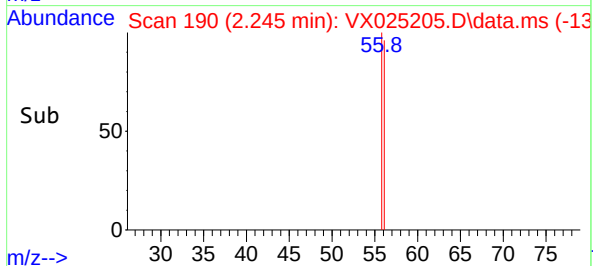
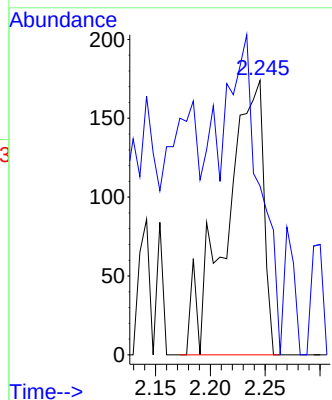
Tgt Ion: 56 Resp: 414  
Ion Ratio Lower Upper  
56 100  
55 98.6 58.6 87.8

Manual Integrations  
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Reviewed By :John  
Carlone

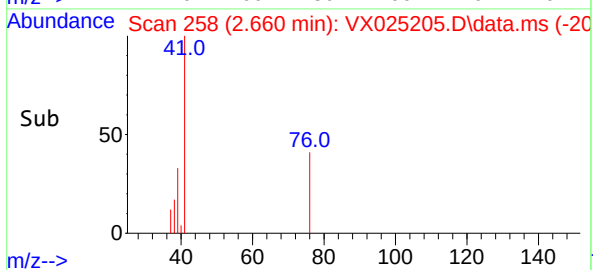
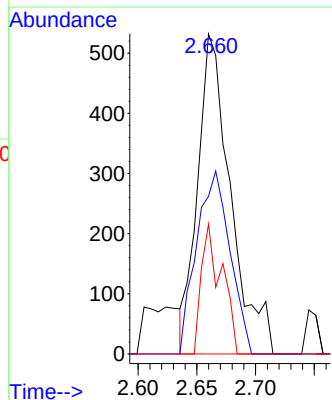
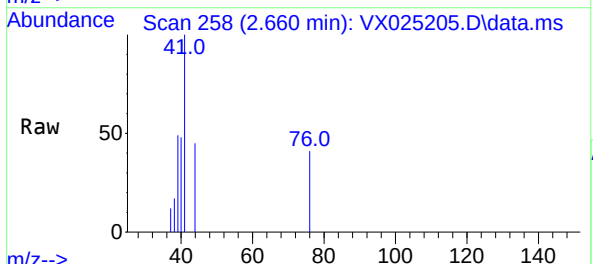
11/19/2021  
Supervised By :Mahesh  
Dadoda

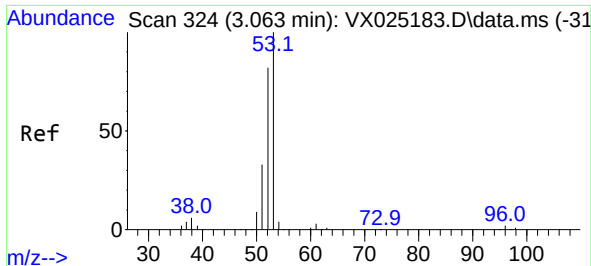
11/26/2021



#14  
Allyl chloride  
Concen: 0.529 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

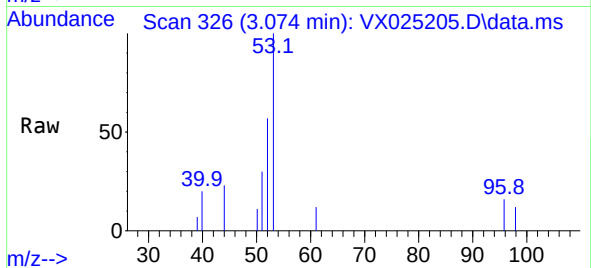
Tgt Ion: 41 Resp: 1041  
Ion Ratio Lower Upper  
41 100  
39 57.7 54.6 82.0  
76 25.1 25.3 37.9





#15  
Acrylonitrile  
Concen: 2.276 ug/l  
RT: 3.074 min Scan# 31  
Delta R.T. 0.011 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021



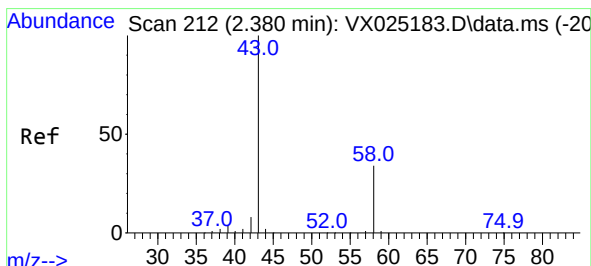
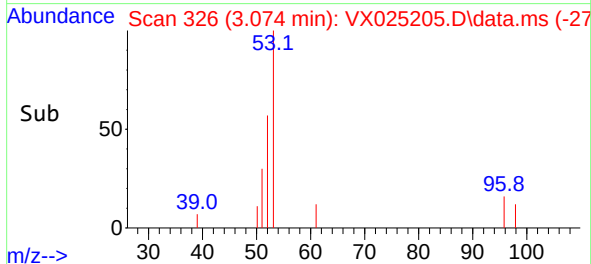
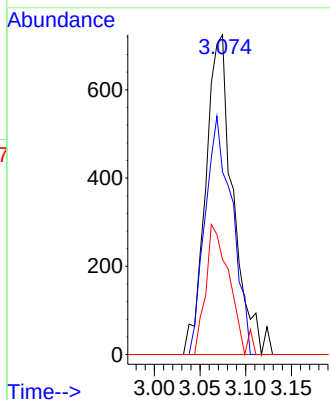
Tgt Ion: 53 Resp: 151  
Ion Ratio Lower Upper  
53 100  
52 73.2 66.2 99.4  
51 35.1 29.8 44.8

Manual Integrations  
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Reviewed By :John  
Carlone

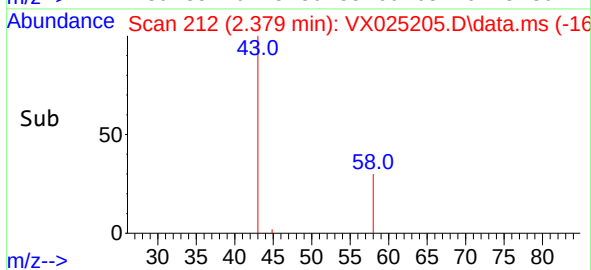
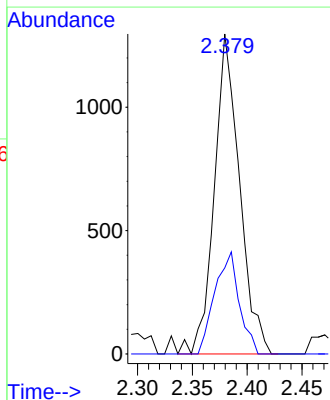
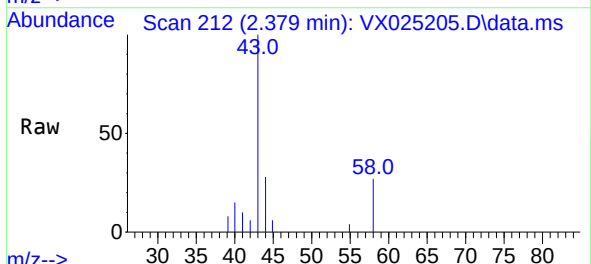
11/19/2021  
Supervised By :Mahesh  
Dadoda

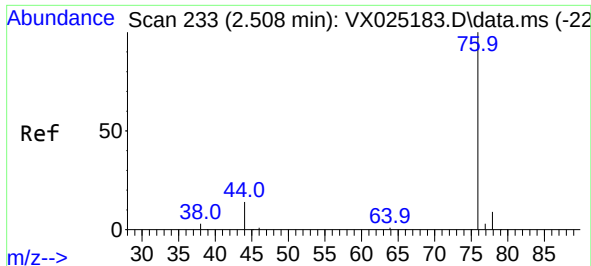
11/26/2021



#16  
Acetone  
Concen: 3.024 ug/l  
RT: 2.379 min Scan# 212  
Delta R.T. -0.001 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Tgt Ion: 43 Resp: 2079  
Ion Ratio Lower Upper  
43 100  
58 26.9 24.0 36.0





#17  
Carbon Disulfide  
Concen: 0.488 ug/l  
RT: 2.508 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021

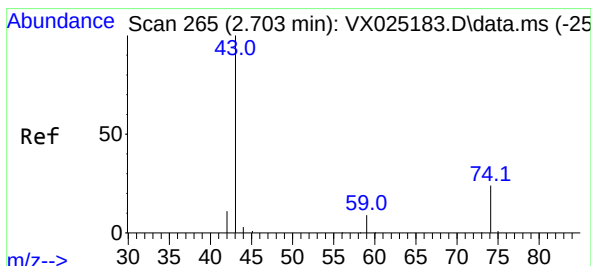
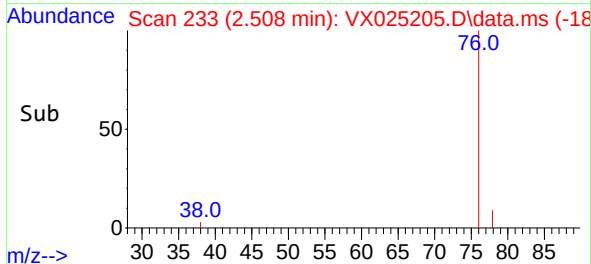
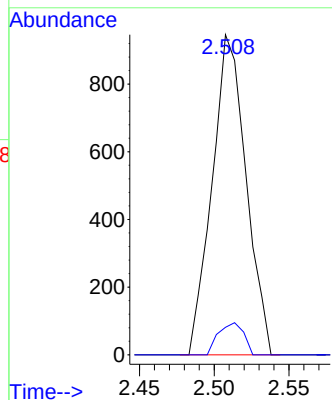
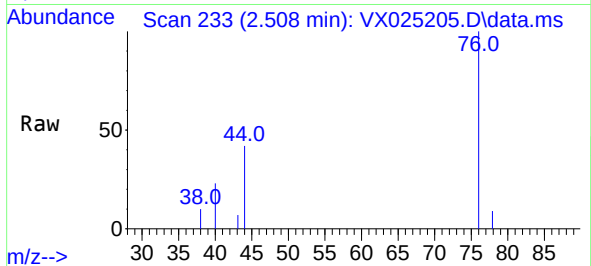
Tgt Ion: 76 Resp: 149  
Ion Ratio Lower Upper  
76 100  
78 8.6 6.9 10.3

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

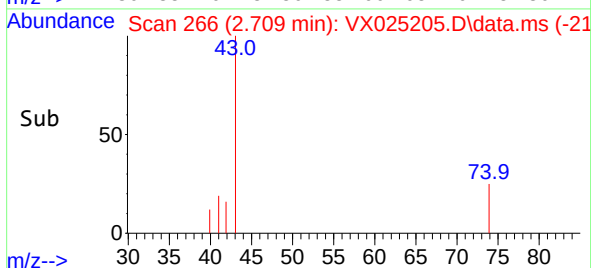
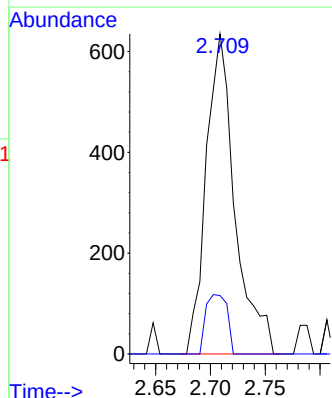
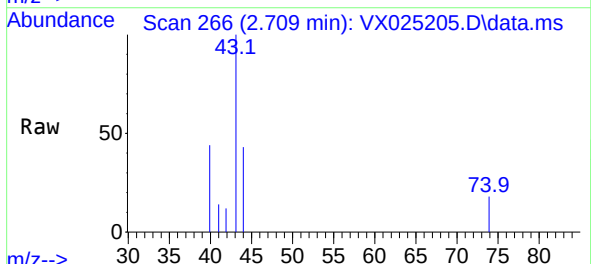
11/19/2021  
Supervised By :Mahesh  
Dadoda

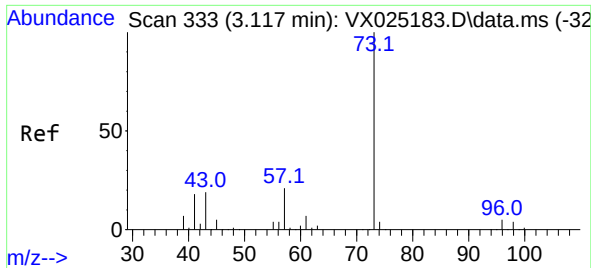
11/26/2021



#18  
Methyl Acetate  
Concen: 0.528 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Tgt Ion: 43 Resp: 1159  
Ion Ratio Lower Upper  
43 100  
74 13.6 19.0 28.6#





#19  
Methyl tert-butyl Ether  
Concen: 0.428 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021

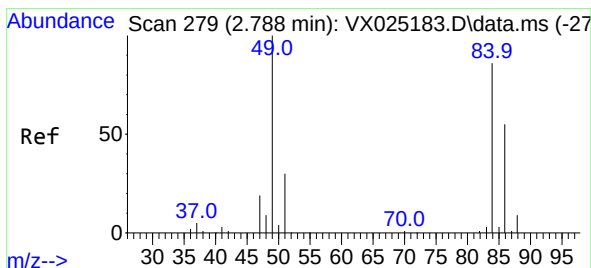
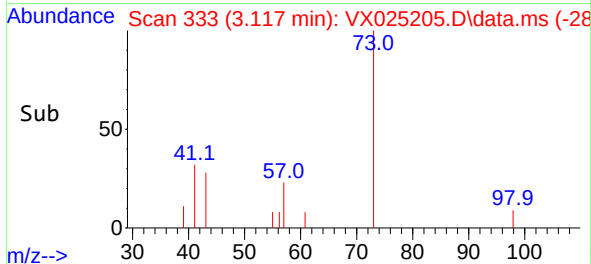
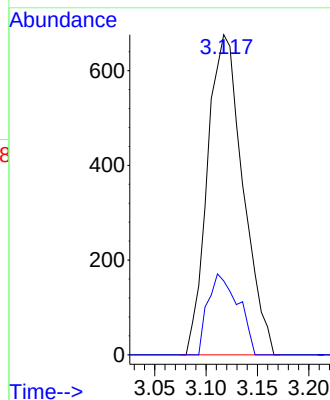
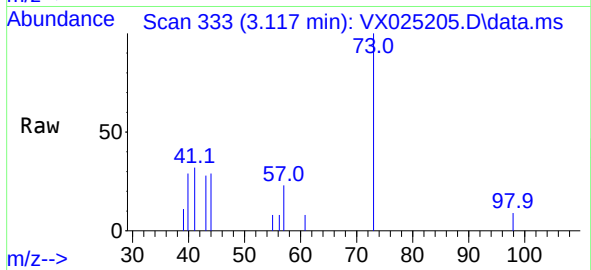
Tgt Ion: 73 Resp: 162  
Ion Ratio Lower Upper  
73 100  
57 23.1 17.5 26.3

Manual Integrations  
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Reviewed By :John  
Carlone

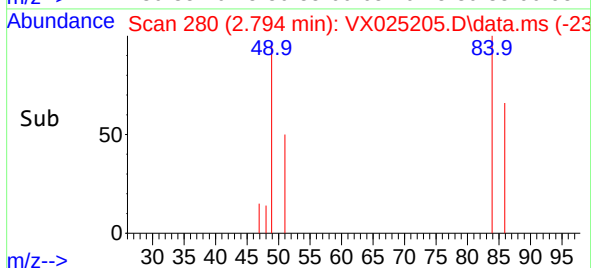
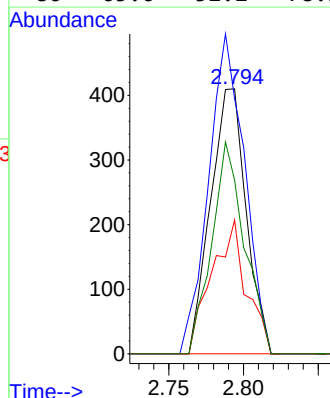
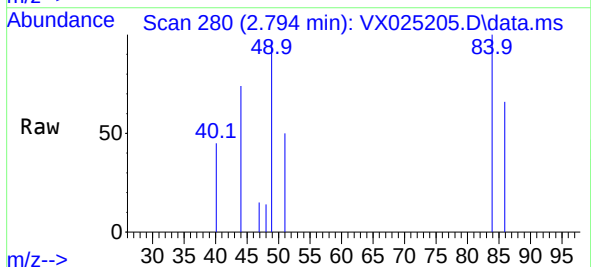
11/19/2021  
Supervised By :Mahesh  
Dadoda

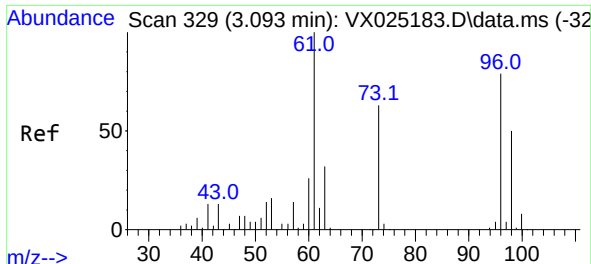
11/26/2021



#20  
Methylene Chloride  
Concen: 0.526 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

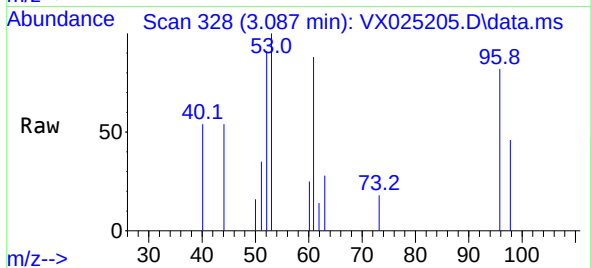
Tgt Ion: 84 Resp: 680  
Ion Ratio Lower Upper  
84 100  
49 96.3 98.2 147.2#  
51 50.5 30.2 45.4#  
86 65.6 52.2 78.2





#21  
trans-1,2-Dichloroethene  
Concen: 0.446 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021



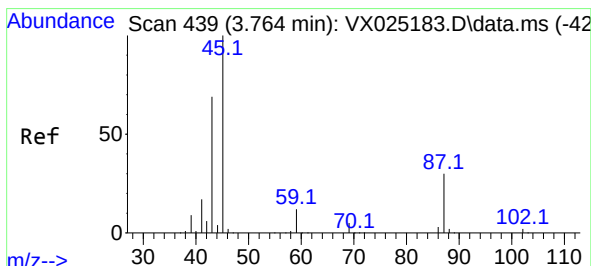
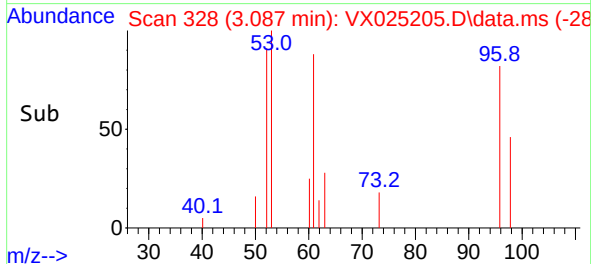
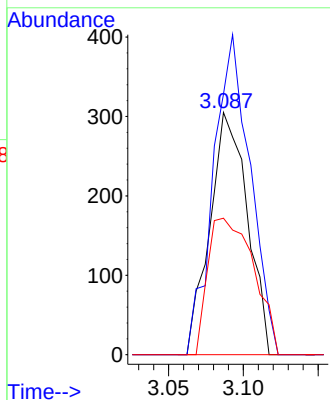
Tgt Ion: 96 Resp: 532  
Ion Ratio Lower Upper  
96 100  
61 107.5 117.9 176.9  
98 56.4 51.1 76.7

Manual Integrations  
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Reviewed By :John  
Carlone

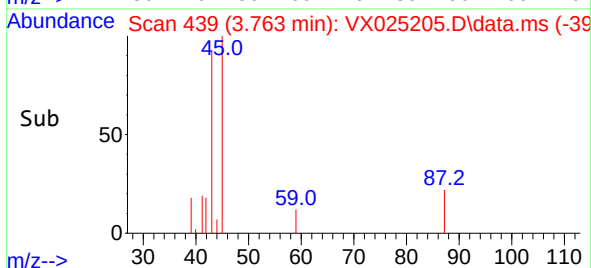
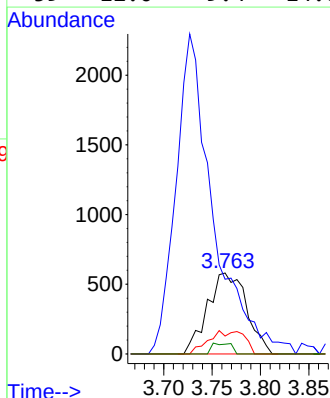
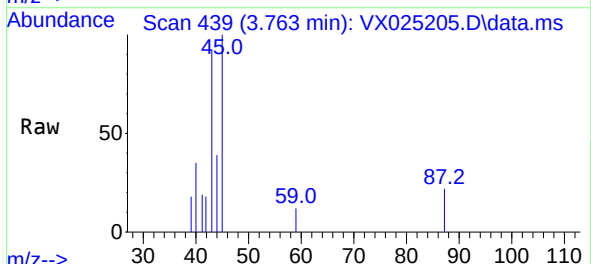
11/19/2021  
Supervised By :Mahesh  
Dadoda

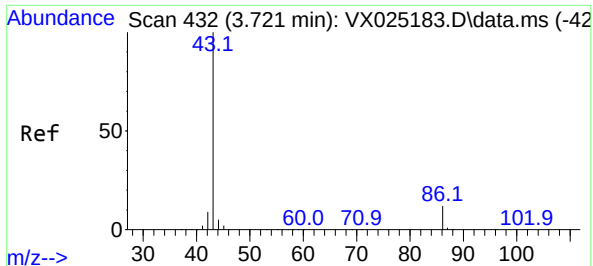
11/26/2021



#22  
Diisopropyl ether  
Concen: 0.435 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. -0.001 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Tgt Ion: 45 Resp: 1631  
Ion Ratio Lower Upper  
45 100  
43 77.6 58.3 87.5  
87 22.2 23.7 35.5  
59 12.0 9.4 14.0





#23

Vinyl Acetate

Concen: 2.047 ug/l

RT: 3.727 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX025205.D

Acq: 18 Nov 2021 11:37

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 43 Resp: 616  
 Ion Ratio Lower Upper  
 43 100  
 86 9.0 8.2 12.4

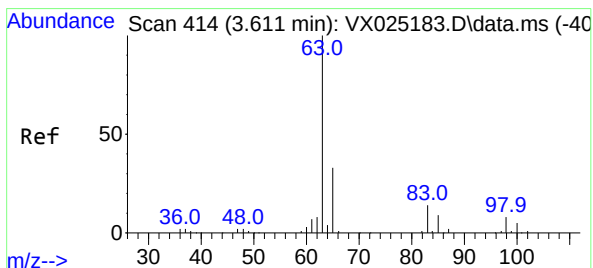
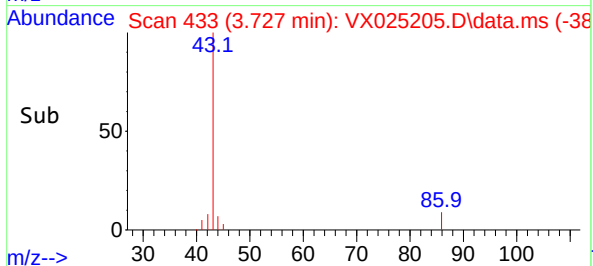
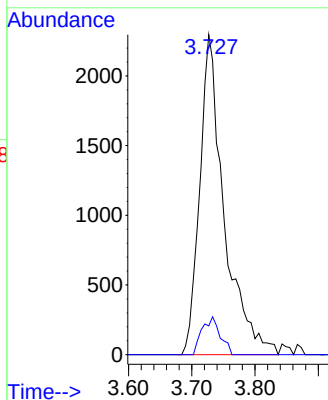
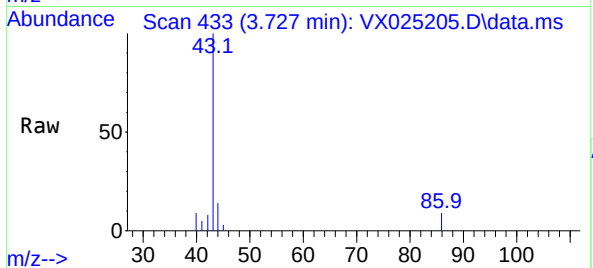
Manual Integrations  
 APPROVED

Reviewed By :John  
 Carlone

11/19/2021

Supervised By :Mahesh  
 Dadoda

11/26/2021



#24

1,1-Dichloroethane

Concen: 0.425 ug/l

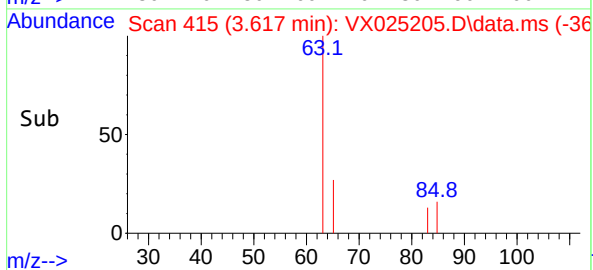
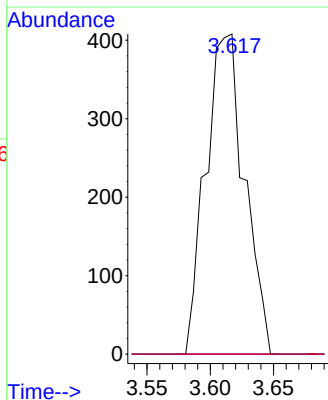
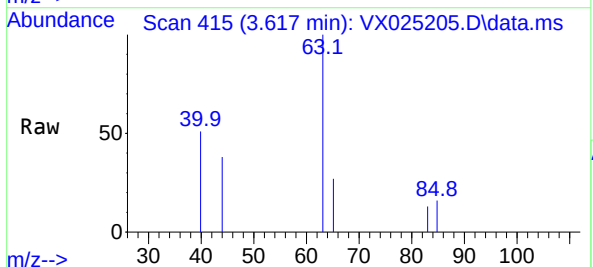
RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

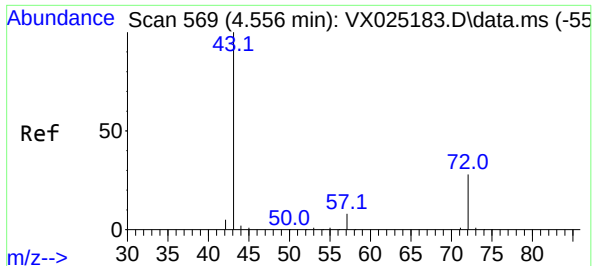
Lab File: VX025205.D

Acq: 18 Nov 2021 11:37

Tgt Ion: 63 Resp: 871  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.3 9.9#  
 100 0.0 2.1 6.2#







#25

2-Butanone

Concen: 2.347 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX025205.D

Acq: 18 Nov 2021 11:37

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 43 Resp: 233  
 Ion Ratio Lower Upper  
 43 100  
 72 21.4 21.2 31.8

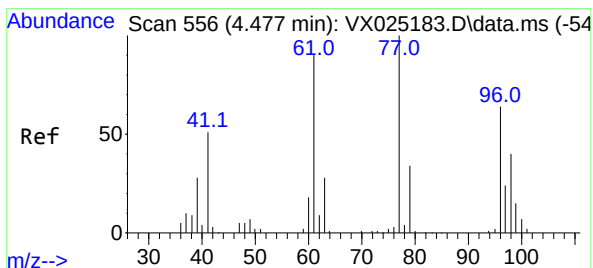
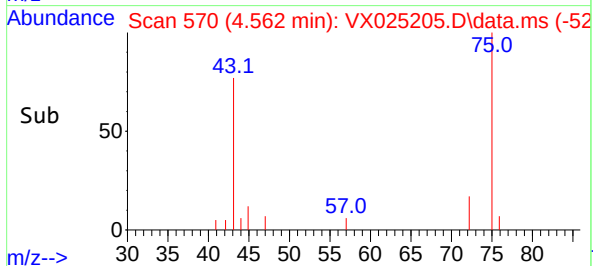
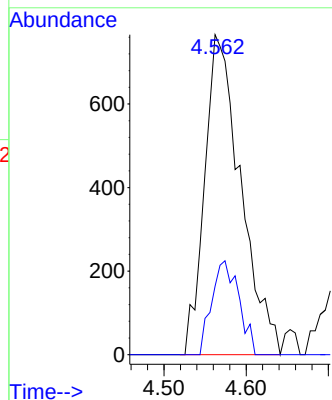
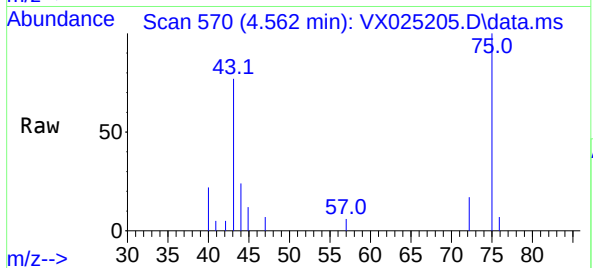
Manual Integrations  
 APPROVED

Reviewed By :John  
 Carlone

11/19/2021

Supervised By :Mahesh  
 Dadoda

11/26/2021



#26

2,2-Dichloropropane

Concen: 0.476 ug/l

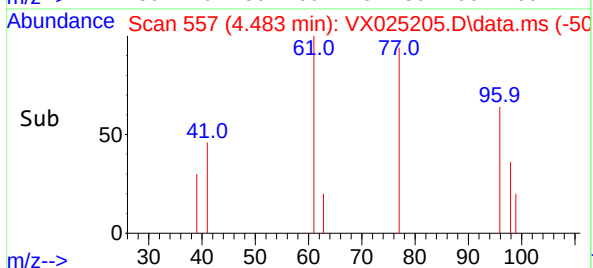
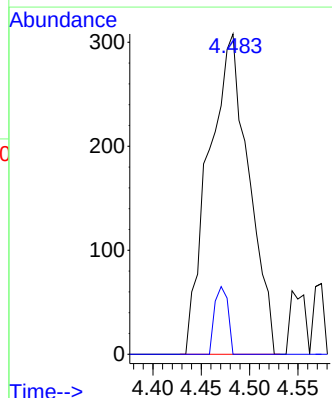
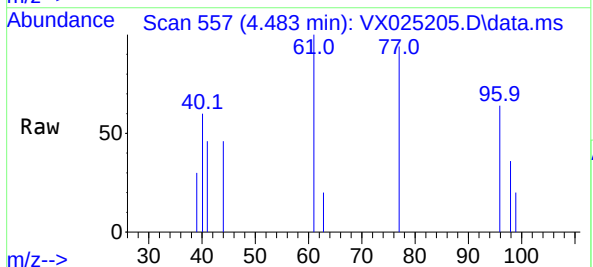
RT: 4.483 min Scan# 557

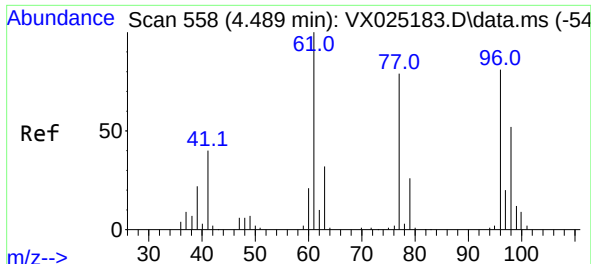
Delta R.T. 0.006 min

Lab File: VX025205.D

Acq: 18 Nov 2021 11:37

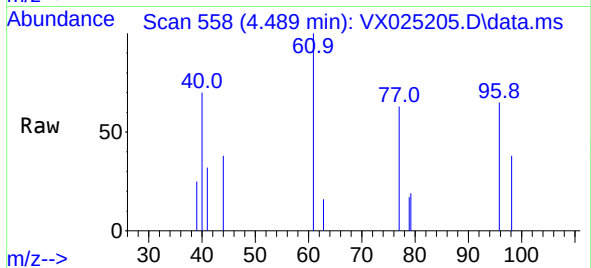
Tgt Ion: 77 Resp: 884  
 Ion Ratio Lower Upper  
 77 100  
 97 7.0 11.2 33.5#





#27  
cis-1,2-Dichloroethene  
Concen: 0.434 ug/l  
RT: 4.489 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021



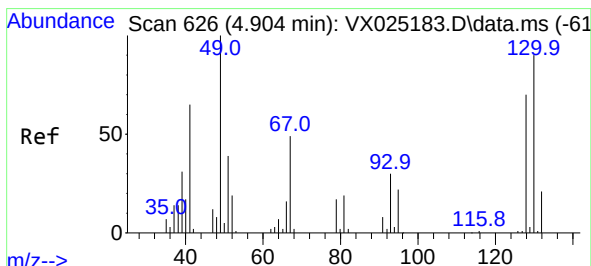
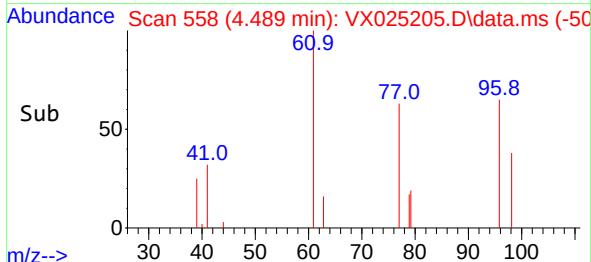
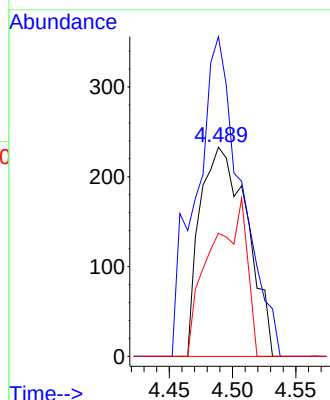
Tgt Ion: 96 Resp: 604  
Ion Ratio Lower Upper  
96 100  
61 146.7 0.0 302.2  
98 57.8 0.0 131.4

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

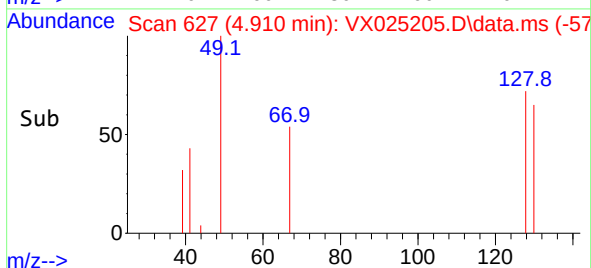
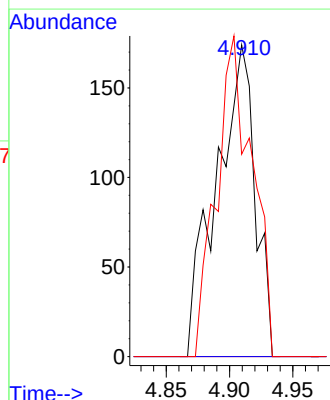
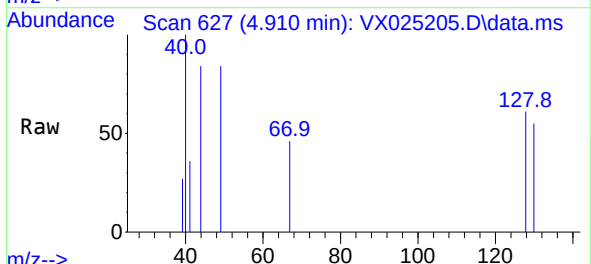
11/19/2021  
Supervised By :Mahesh  
Dadoda

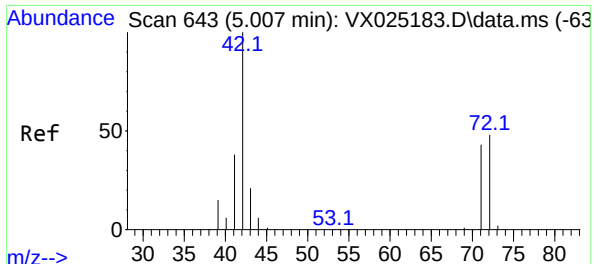
11/26/2021



#28  
Bromochloromethane  
Concen: 0.389 ug/l  
RT: 4.910 min Scan# 627  
Delta R.T. 0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Tgt Ion: 49 Resp: 372  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 4.4  
130 94.4 65.2 97.8





#29

Tetrahydrofuran

Concen: 2.358 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.012 min

Lab File: VX025205.D

Acq: 18 Nov 2021 11:37

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT4-2021

|             |             |
|-------------|-------------|
| Tgt Ion: 42 | Resp: 145   |
| Ion Ratio   | Lower Upper |
| 42 100      |             |
| 72 42.2     | 36.1 54.1   |
| 71 38.8     | 33.7 50.5   |

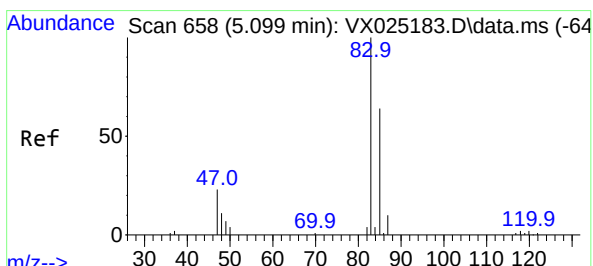
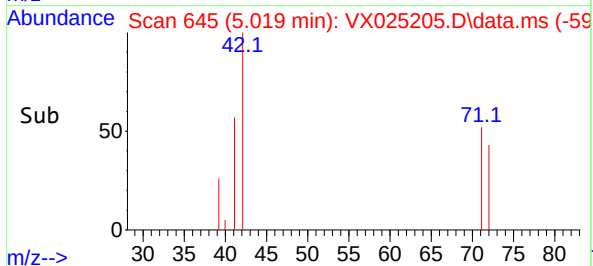
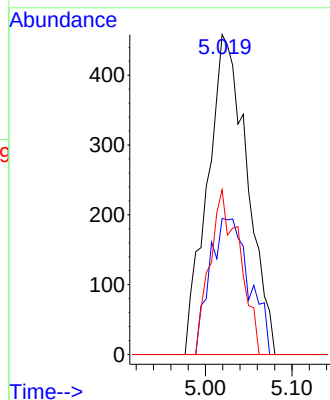
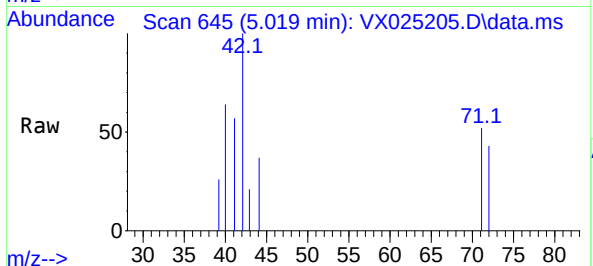
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

11/19/2021

Supervised By :Mahesh  
Dadoda

11/26/2021



#30

Chloroform

Concen: 0.465 ug/l

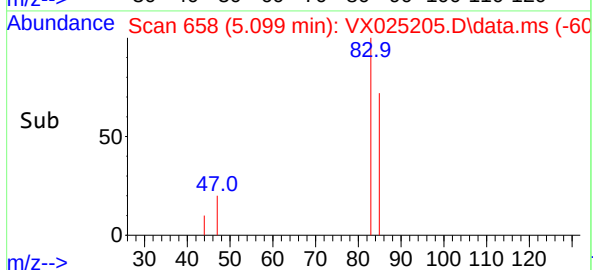
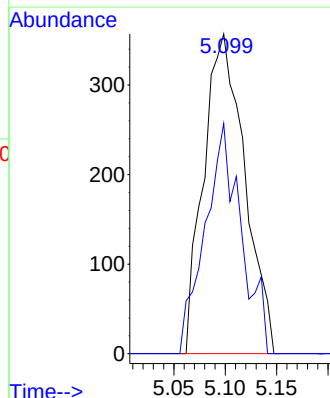
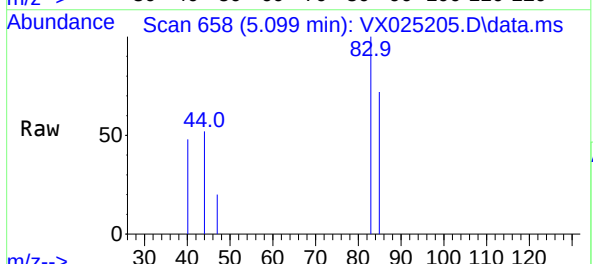
RT: 5.099 min Scan# 658

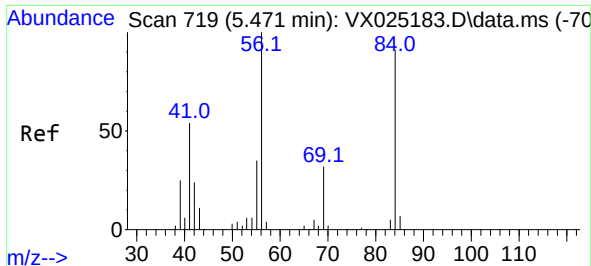
Delta R.T. -0.000 min

Lab File: VX025205.D

Acq: 18 Nov 2021 11:37

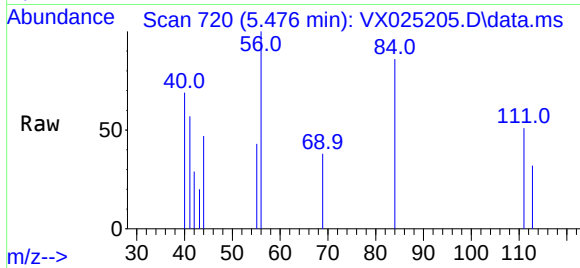
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 992   |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 72.0     | 50.2 75.2   |





#31  
Cyclohexane  
Concen: 0.426 ug/l  
RT: 5.476 min Scan# 719  
Delta R.T. 0.005 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021



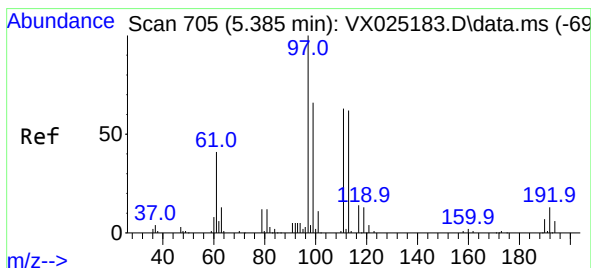
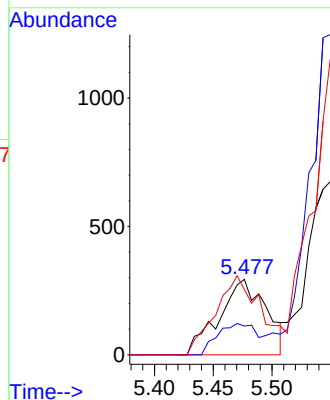
Tgt Ion: 56 Resp: 814  
Ion Ratio Lower Upper  
56 100  
69 38.1 24.2 36.2  
84 86.4 71.5 107.3

Manual Integrations  
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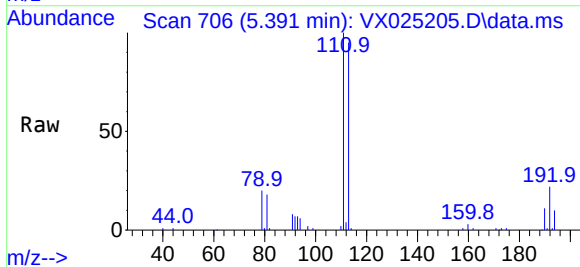
Reviewed By :John  
Carlone

11/19/2021  
Supervised By :Mahesh  
Dadoda

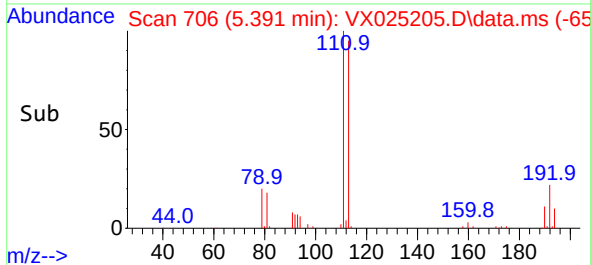
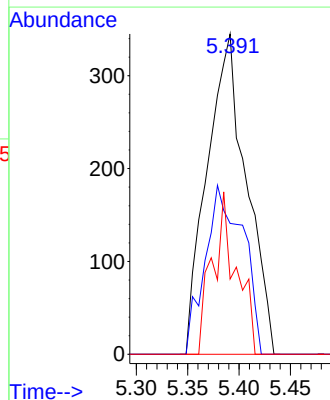
11/26/2021

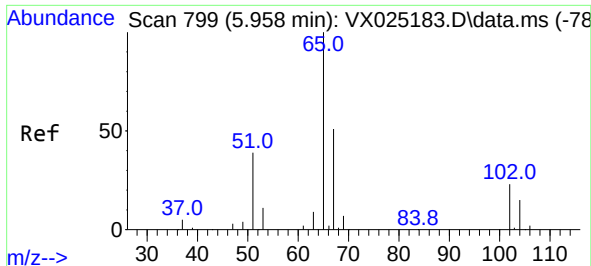


#32  
1,1,1-Trichloroethane  
Concen: 0.469 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37



Tgt Ion: 97 Resp: 916  
Ion Ratio Lower Upper  
97 100  
99 0.0 50.9 76.3#  
61 30.8 35.0 52.4#





#33  
1,2-Dichloroethane-d4  
Concen: 52.121 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
Client Sample Id :  
MDL-WATER-03-QT4-2021

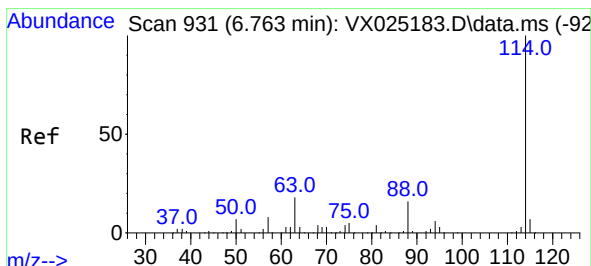
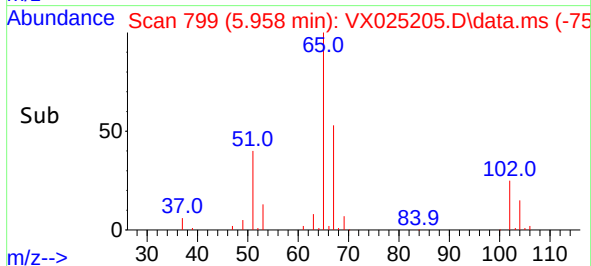
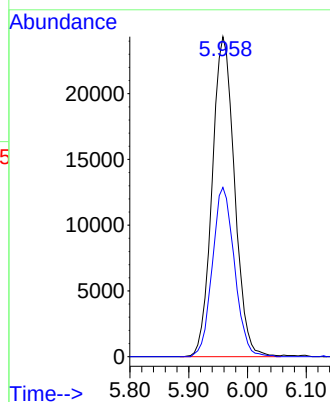
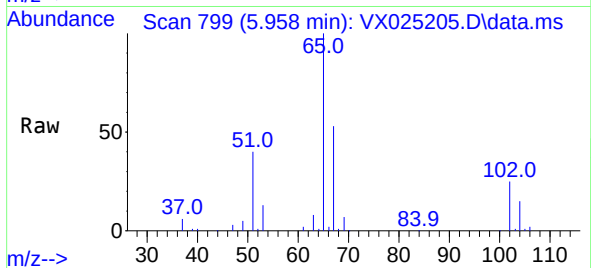
Tgt Ion: 65 Resp: 6449  
Ion Ratio Lower Upper  
65 100  
67 52.2 0.0 101.0

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

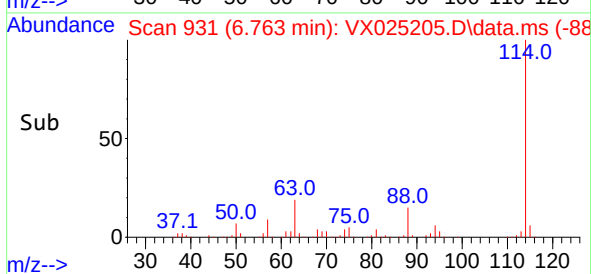
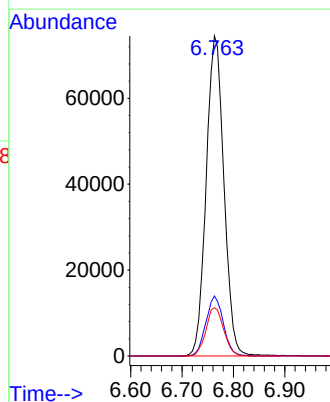
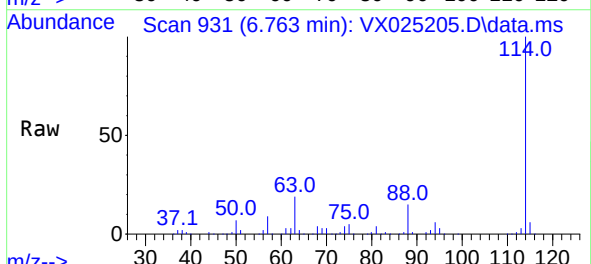
11/19/2021  
Supervised By :Mahesh  
Dadoda

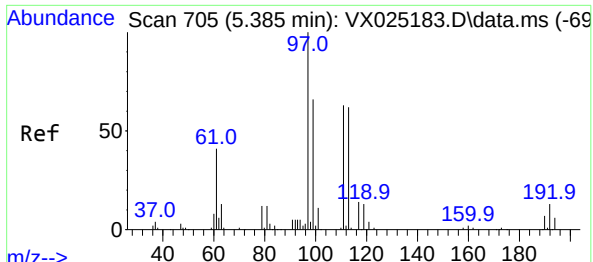
11/26/2021



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

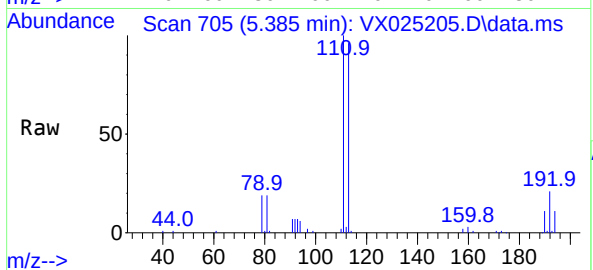
Tgt Ion:114 Resp: 178262  
Ion Ratio Lower Upper  
114 100  
63 18.8 0.0 41.0  
88 15.0 0.0 34.8





#35  
Dibromofluoromethane  
Concen: 52.794 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021



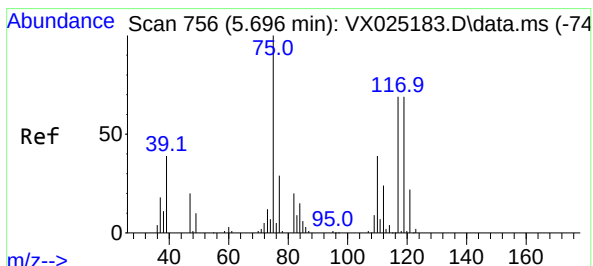
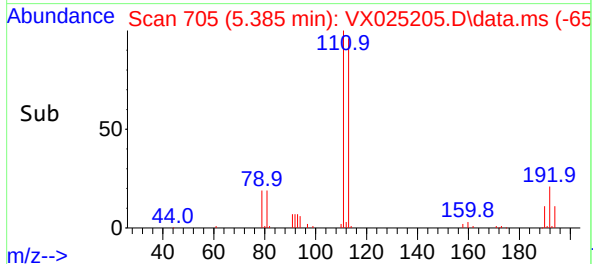
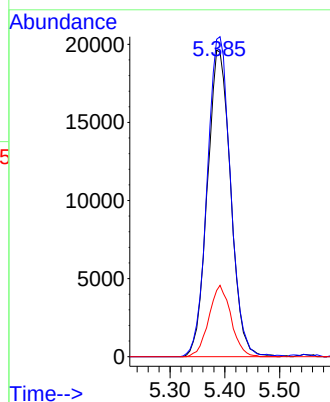
Tgt Ion:113 Resp: 5774  
Ion Ratio Lower Upper  
113 100  
111 104.6 82.1 123.1  
192 22.2 15.6 23.4

Manual Integrations  
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Reviewed By :John  
Carlone

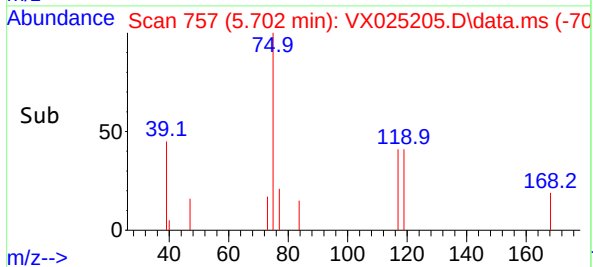
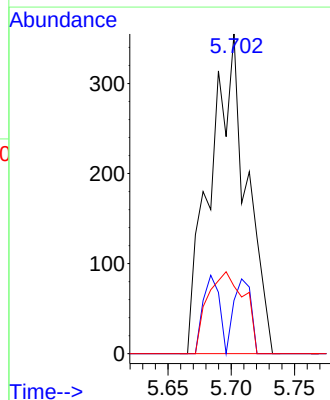
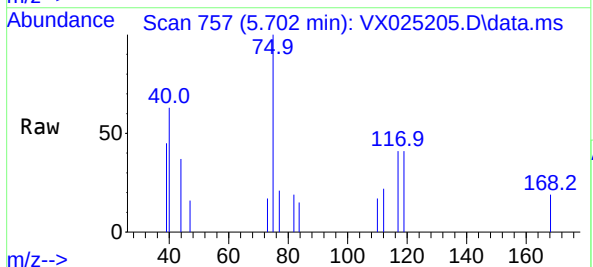
11/19/2021  
Supervised By :Mahesh  
Dadoda

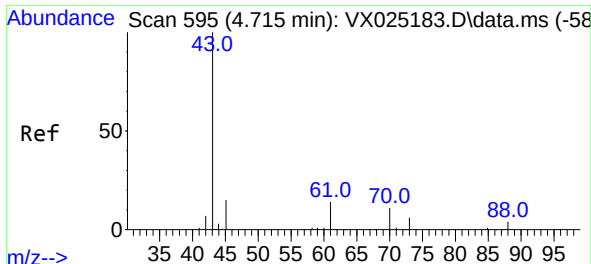
11/26/2021



#36  
1,1-Dichloropropene  
Concen: 0.457 ug/l  
RT: 5.702 min Scan# 757  
Delta R.T. 0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

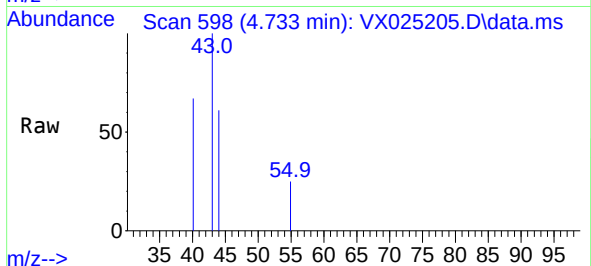
Tgt Ion: 75 Resp: 711  
Ion Ratio Lower Upper  
75 100  
110 11.1 18.1 54.3#  
77 25.7 24.4 36.6





#37  
Ethyl Acetate  
Concen: 0.602 ug/l  
RT: 4.733 min Scan# 595  
Delta R.T. 0.018 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021



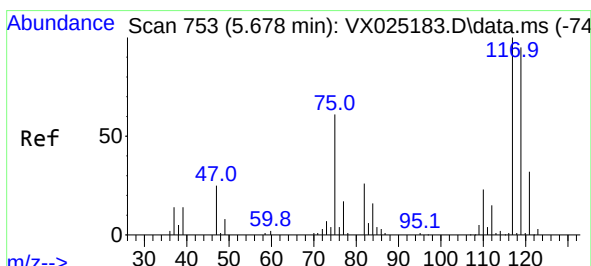
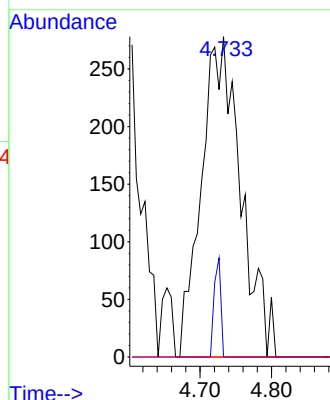
Tgt Ion: 43 Resp: 1060  
Ion Ratio Lower Upper  
43 100  
61 5.2 11.4 17.0  
70 0.0 8.6 12.8

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

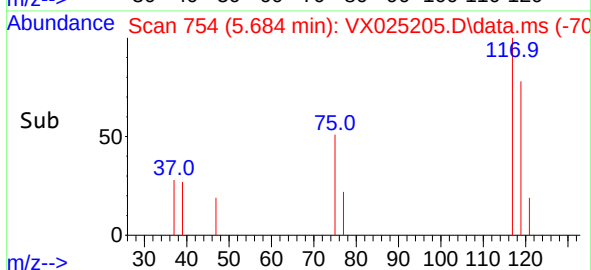
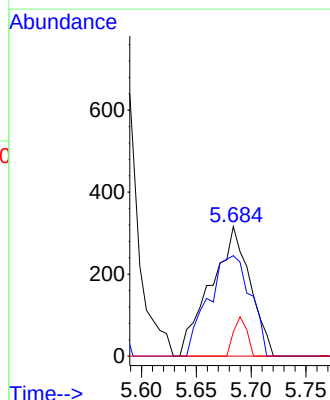
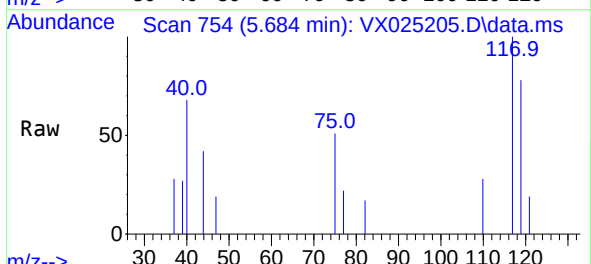
11/19/2021  
Supervised By :Mahesh  
Dadoda

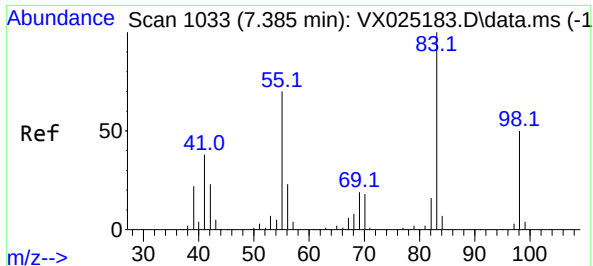
11/26/2021



#38  
Carbon Tetrachloride  
Concen: 0.460 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. 0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

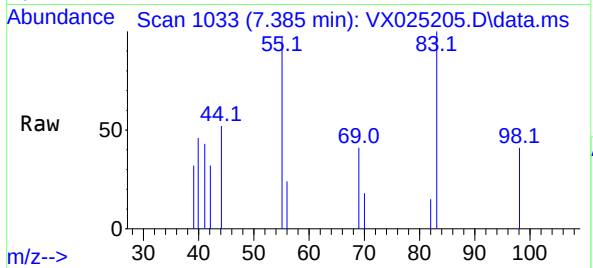
Tgt Ion:117 Resp: 788  
Ion Ratio Lower Upper  
117 100  
119 77.5 75.6 113.4  
121 18.7 23.7 35.5





#39  
Methylcyclohexane  
Concen: 0.474 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021



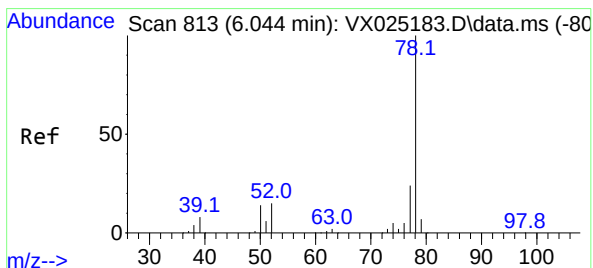
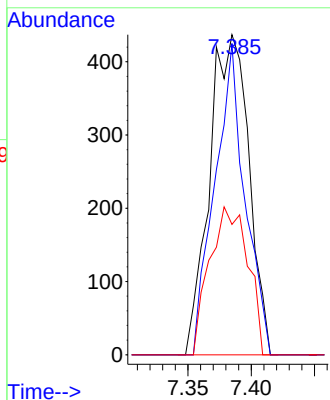
Tgt Ion: 83 Resp: 945  
Ion Ratio Lower Upper  
83 100  
55 97.3 60.8 91.2  
98 40.7 37.0 55.4

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

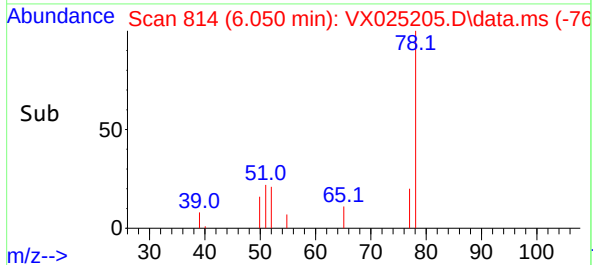
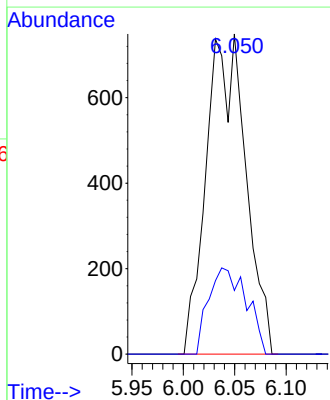
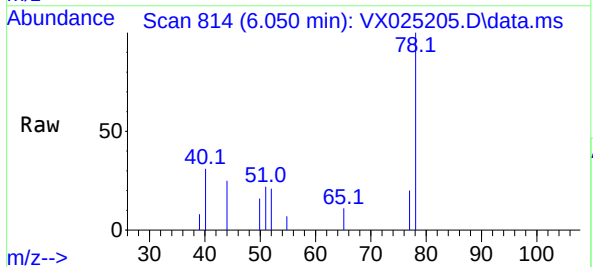
11/19/2021  
Supervised By :Mahesh  
Dadoda

11/26/2021

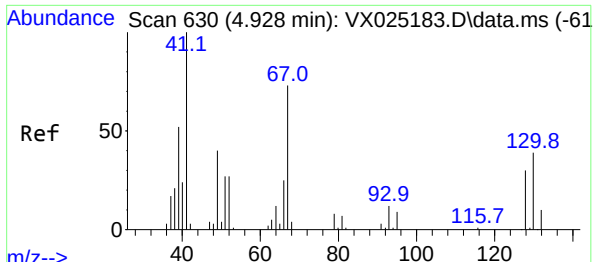


#40  
Benzene  
Concen: 0.422 ug/l  
RT: 6.050 min Scan# 814  
Delta R.T. 0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Tgt Ion: 78 Resp: 1987  
Ion Ratio Lower Upper  
78 100  
77 19.9 18.3 27.5

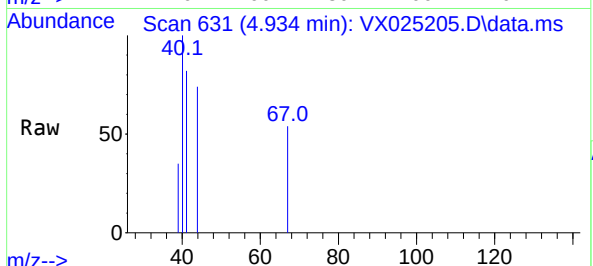






#41  
Methacrylonitrile  
Concen: 0.516 ug/l  
RT: 4.934 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021



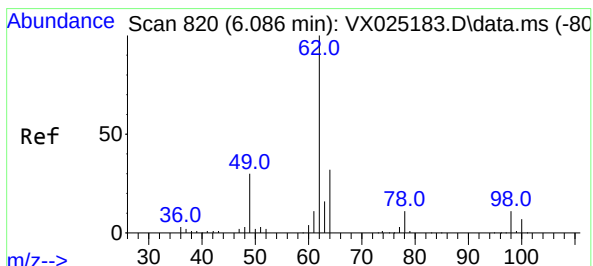
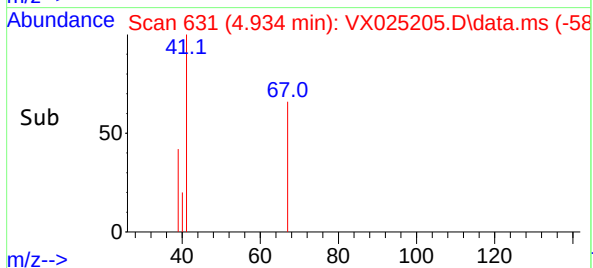
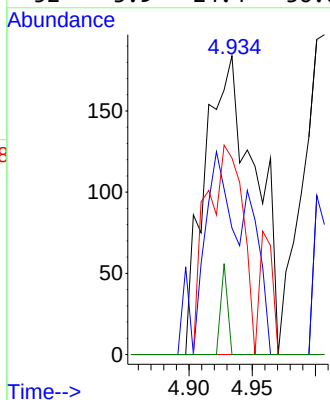
Tgt Ion: 41 Resp: 507  
Ion Ratio Lower Upper  
41 100  
39 41.6 44.6 67.0  
67 50.9 56.7 85.1  
52 3.9 24.4 36.6

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

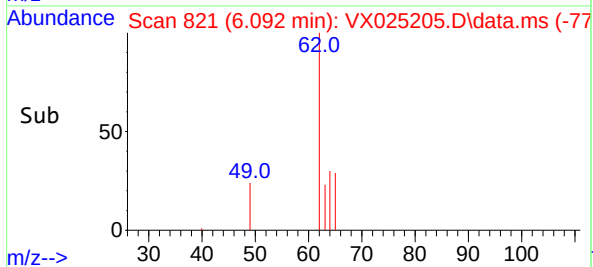
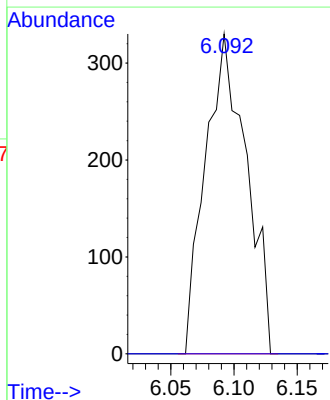
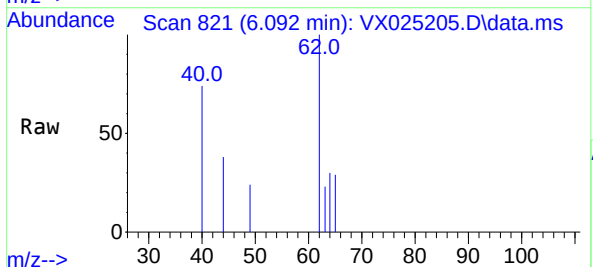
11/19/2021  
Supervised By :Mahesh  
Dadoda

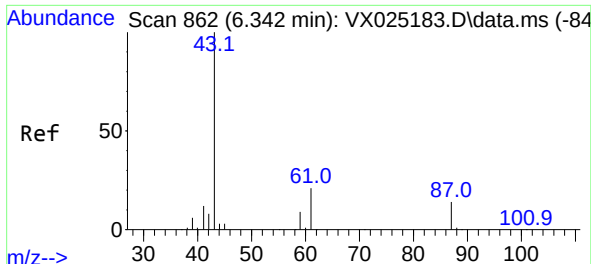
11/26/2021



#42  
1,2-Dichloroethane  
Concen: 0.485 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

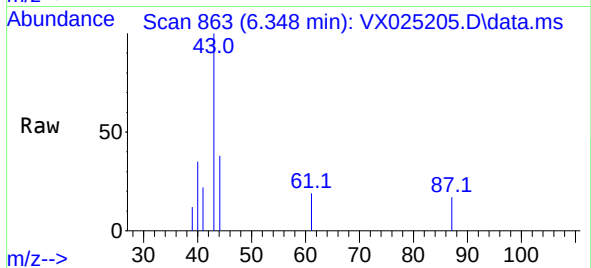
Tgt Ion: 62 Resp: 744  
Ion Ratio Lower Upper  
62 100  
98 0.0 0.0 16.0





#43  
Isopropyl Acetate  
Concen: 0.484 ug/l  
RT: 6.348 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021



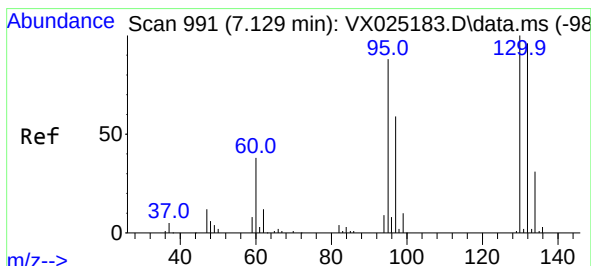
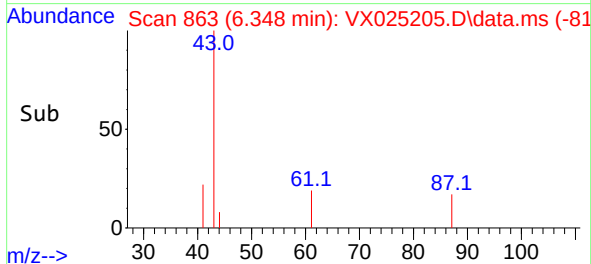
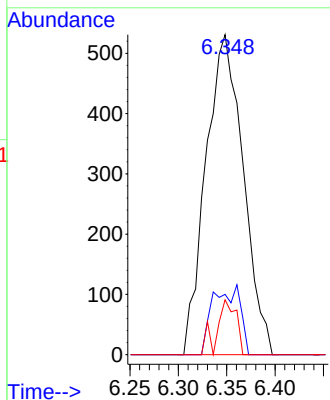
Tgt Ion: 43 Resp: 1420  
Ion Ratio Lower Upper  
43 100  
61 15.8 15.3 22.9  
87 8.8 10.9 16.3

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

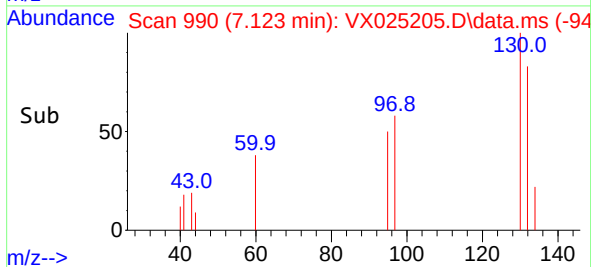
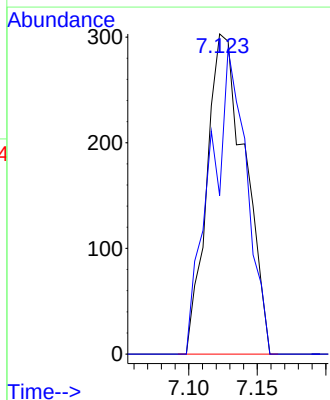
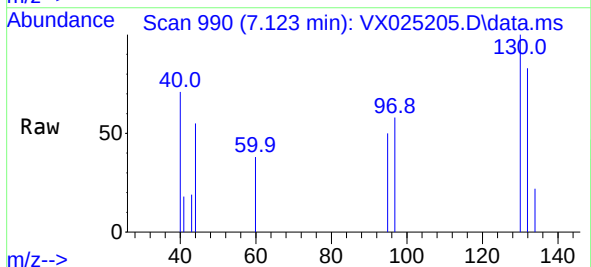
11/19/2021  
Supervised By :Mahesh  
Dadoda

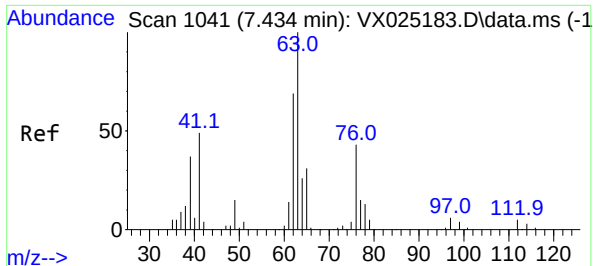
11/26/2021



#44  
Trichloroethene  
Concen: 0.428 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Tgt Ion:130 Resp: 586  
Ion Ratio Lower Upper  
130 100  
95 49.5 0.0 196.8





#45

1,2-Dichloropropane

Concen: 0.394 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.001 min

Lab File: VX025205.D

Acq: 18 Nov 2021 11:37

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 63 Resp: 450  
 Ion Ratio Lower Upper  
 63 100  
 65 36.9 25.1 37.7

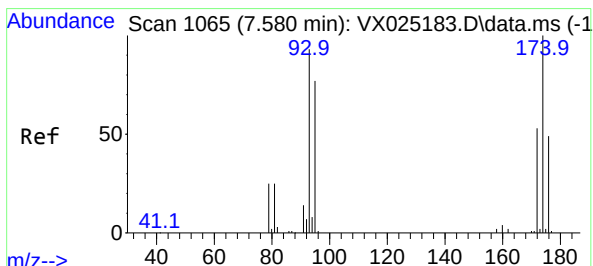
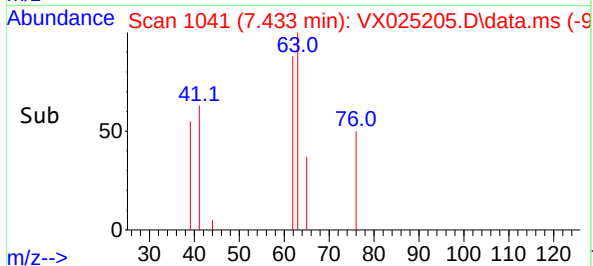
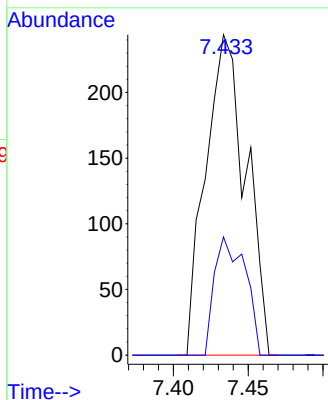
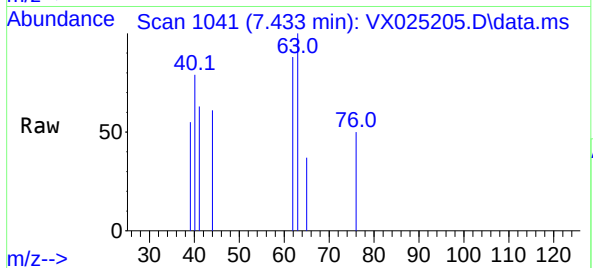
Manual Integrations  
 APPROVED

Reviewed By :John  
 Carlone

11/19/2021

Supervised By :Mahesh  
 Dadoda

11/26/2021



#46

Dibromomethane

Concen: 0.438 ug/l

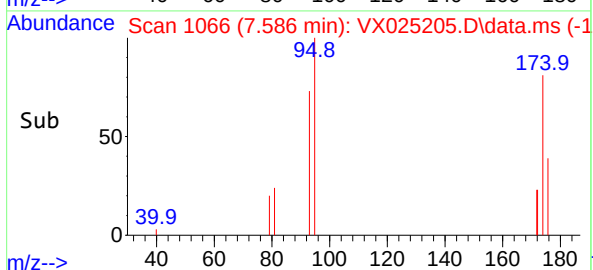
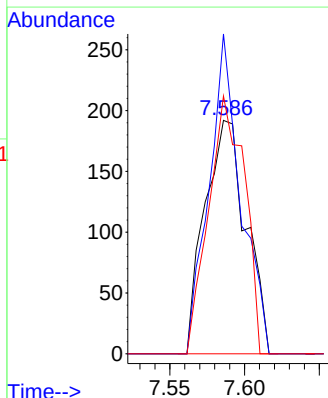
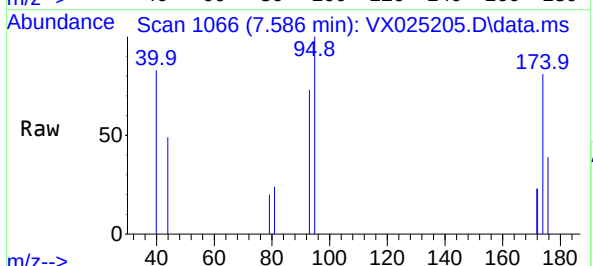
RT: 7.586 min Scan# 1066

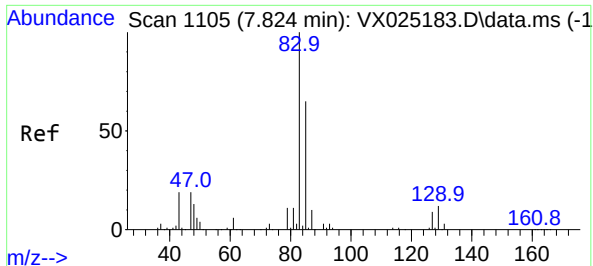
Delta R.T. 0.006 min

Lab File: VX025205.D

Acq: 18 Nov 2021 11:37

Tgt Ion: 93 Resp: 368  
 Ion Ratio Lower Upper  
 93 100  
 95 105.2 66.6 100.0#  
 174 96.2 79.2 118.8





#47  
Bromodichloromethane  
Concen: 0.400 ug/l  
RT: 7.830 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021

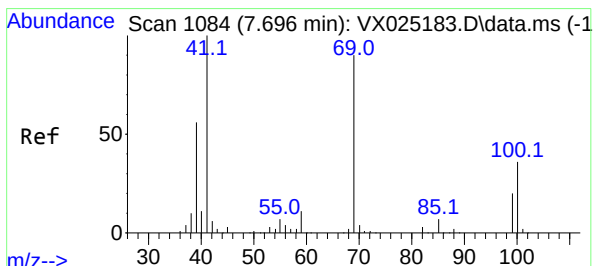
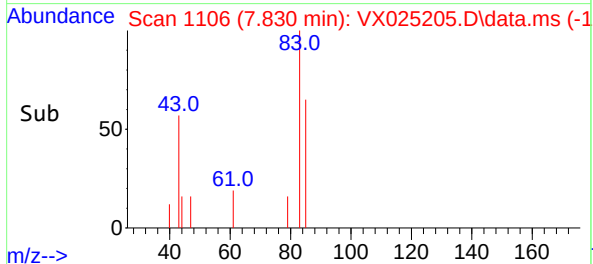
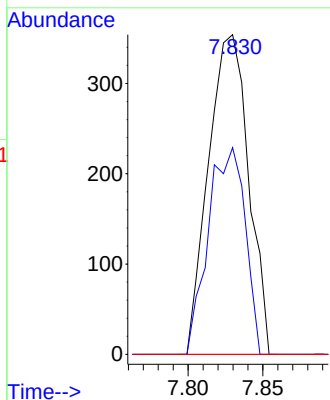
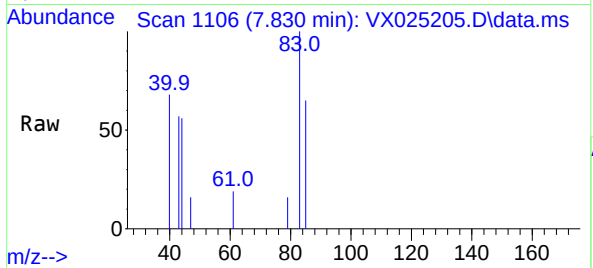
Tgt Ion: 83 Resp: 660  
Ion Ratio Lower Upper  
83 100  
85 64.7 53.5 80.3  
127 0.0 7.7 11.5

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

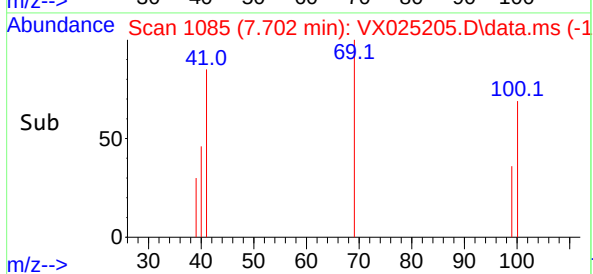
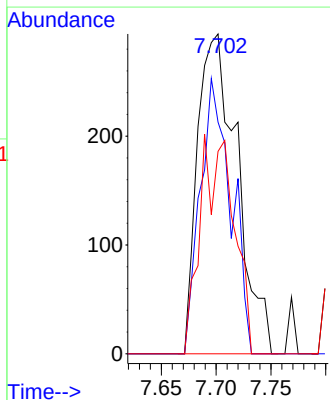
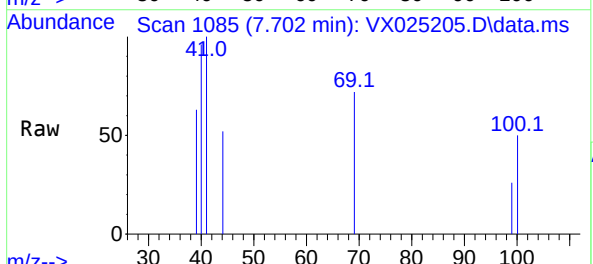
11/19/2021  
Supervised By :Mahesh  
Dadoda

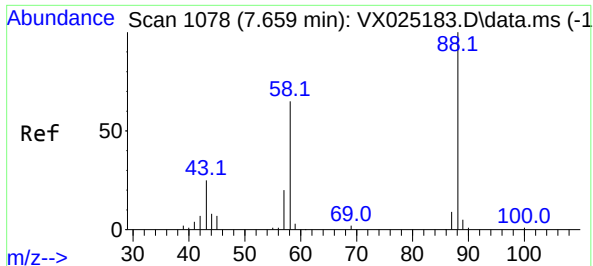
11/26/2021



#48  
Methyl methacrylate  
Concen: 0.535 ug/l  
RT: 7.702 min Scan# 1085  
Delta R.T. 0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Tgt Ion: 41 Resp: 740  
Ion Ratio Lower Upper  
41 100  
69 67.0 64.5 96.7  
39 57.8 46.9 70.3





#49

1,4-Dioxane

Concen: 8.840 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.018 min

Lab File: VX025205.D

Acq: 18 Nov 2021 11:37

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 88 Resp: 258

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 41.1  | 27.0  | 40.6  |
| 58  | 59.7  | 55.2  | 82.8  |

Manual Integrations

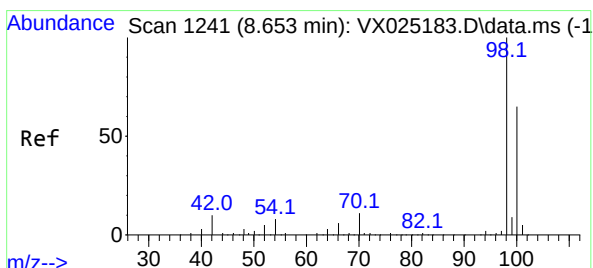
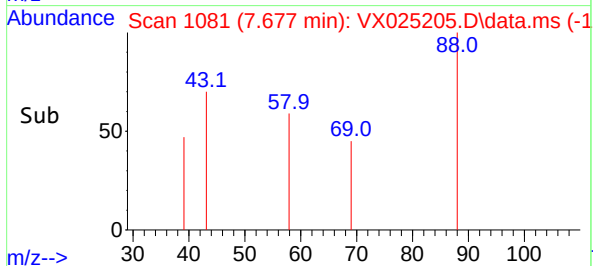
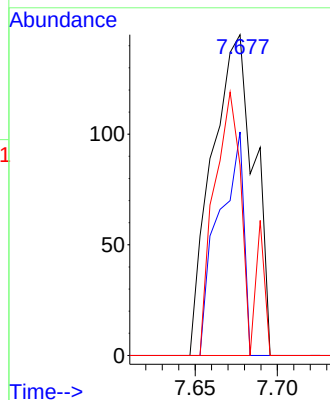
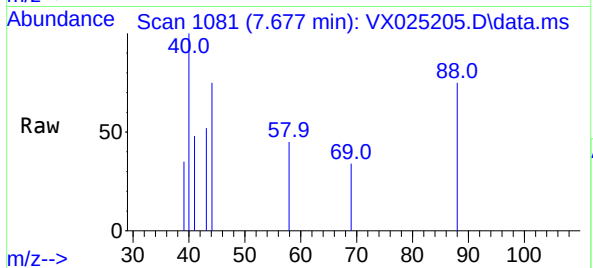
APPROVED

Reviewed By :John  
Carlone

11/19/2021

Supervised By :Mahesh  
Dadoda

11/26/2021



#50

Toluene-d8

Concen: 51.920 ug/l

RT: 8.653 min Scan# 1241

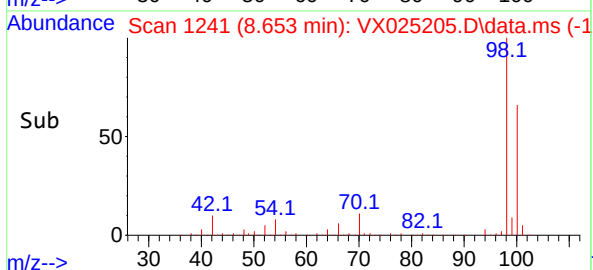
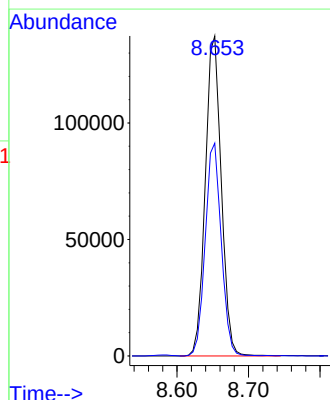
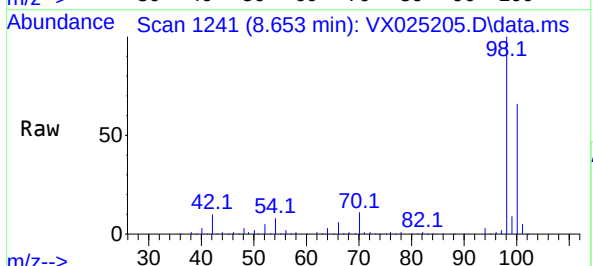
Delta R.T. -0.000 min

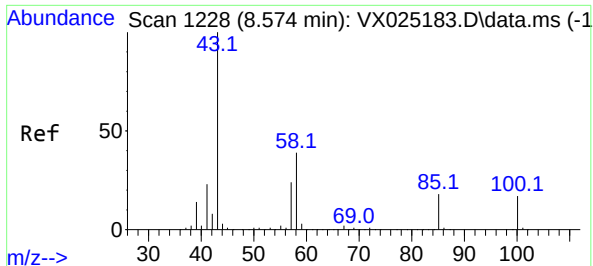
Lab File: VX025205.D

Acq: 18 Nov 2021 11:37

Tgt Ion: 98 Resp: 213516

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 66.8  | 51.4  | 77.0  |





#51

4-Methyl-2-Pentanone

Concen: 2.045 ug/l

RT: 8.580 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX025205.D

Acq: 18 Nov 2021 11:37

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 43 Resp: 377  
 Ion Ratio Lower Upper  
 43 100  
 58 40.6 30.9 46.3

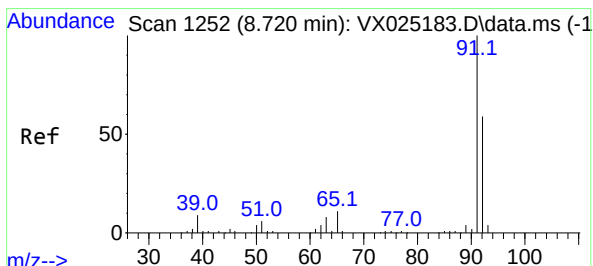
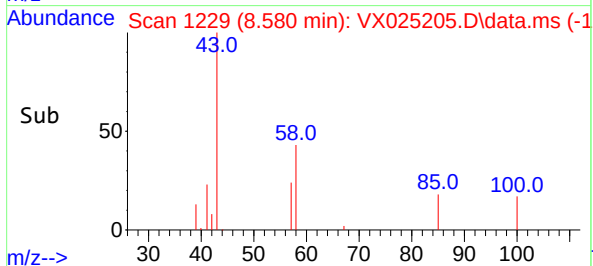
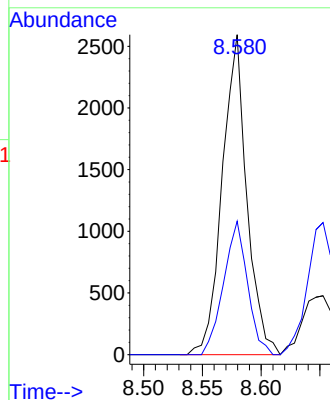
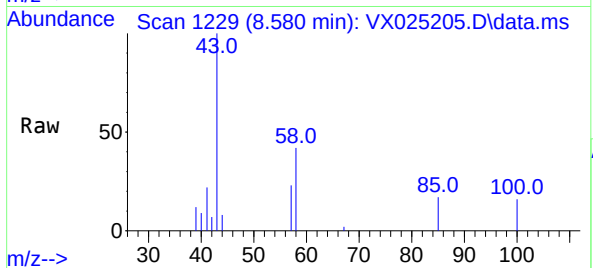
Manual Integrations  
 APPROVED

Reviewed By :John  
 Carlone

11/19/2021

Supervised By :Mahesh  
 Dadoda

11/26/2021



#52

Toluene

Concen: 0.454 ug/l

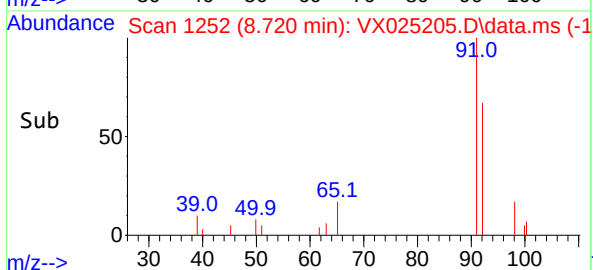
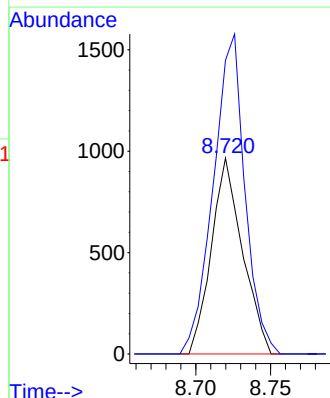
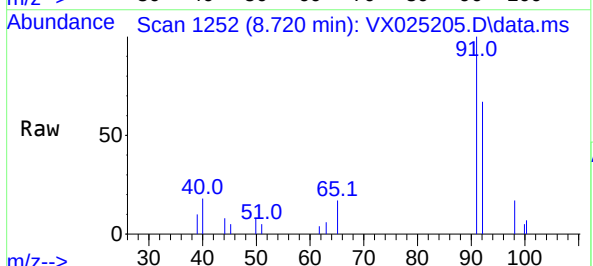
RT: 8.720 min Scan# 1252

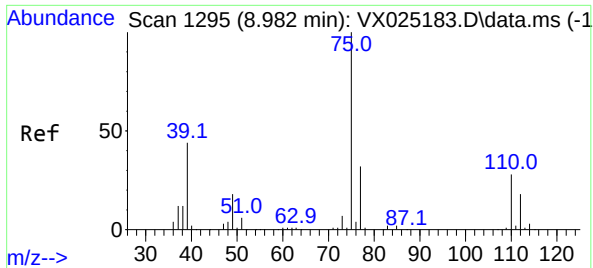
Delta R.T. -0.000 min

Lab File: VX025205.D

Acq: 18 Nov 2021 11:37

Tgt Ion: 92 Resp: 1396  
 Ion Ratio Lower Upper  
 92 100  
 91 166.3 138.6 208.0





#53  
t-1,3-Dichloropropene  
Concen: 0.370 ug/l  
RT: 8.982 min Scan# 1195  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument : MSVOA\_X  
ClientSampleId : MDL-WATER-03-QT4-2021

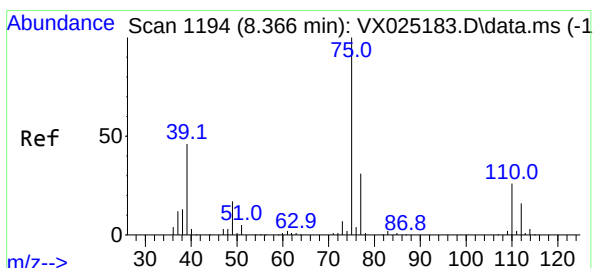
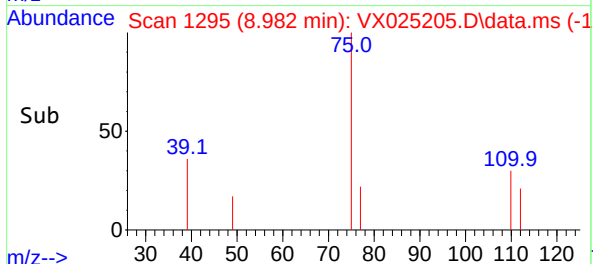
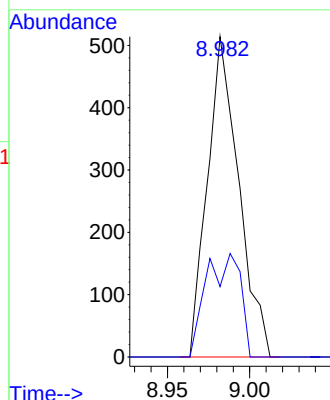
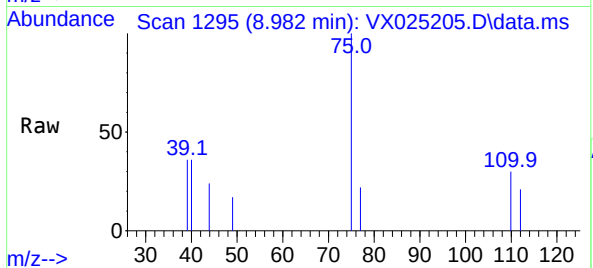
Tgt Ion: 75 Resp: 680  
Ion Ratio Lower Upper  
75 100  
77 22.0 25.6 38.4

Manual Integrations  
**APPROVED**

Reviewed By :John  
Carlone

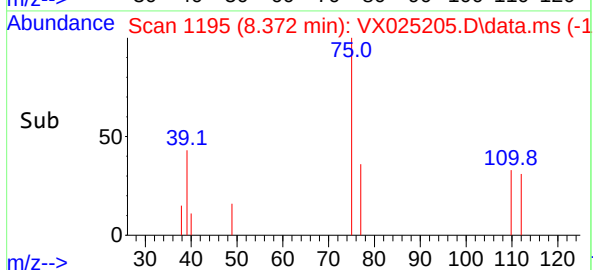
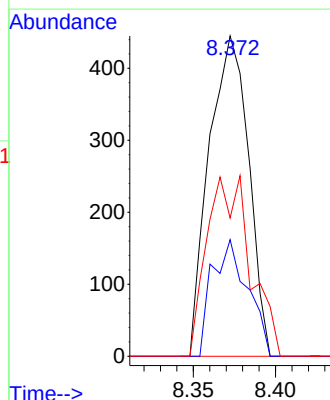
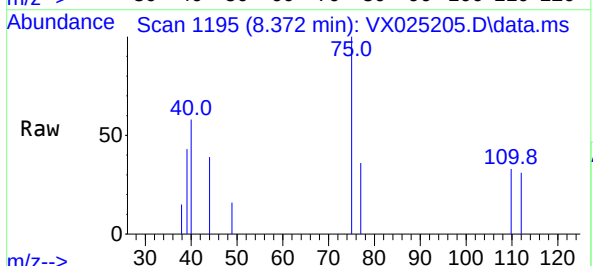
11/19/2021  
Supervised By :Mahesh  
Dadoda

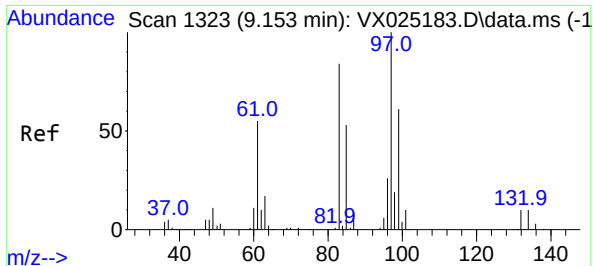
11/26/2021



#54  
cis-1,3-Dichloropropene  
Concen: 0.373 ug/l  
RT: 8.372 min Scan# 1195  
Delta R.T. 0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

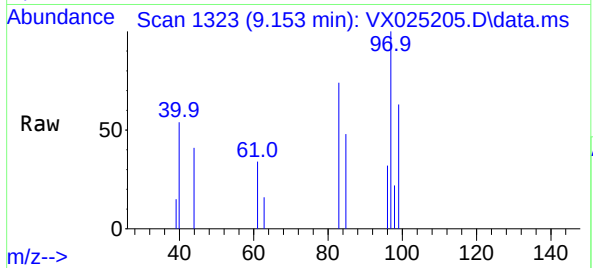
Tgt Ion: 75 Resp: 742  
Ion Ratio Lower Upper  
75 100  
77 36.4 23.8 35.8#  
39 43.1 38.8 58.2





#55  
1,1,2-Trichloroethane  
Concen: 0.436 ug/l  
RT: 9.153 min Scan# 1318  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument : MSVOA\_X  
ClientSampleId : MDL-WATER-03-QT4-2021



Tgt Ion: 97 Resp: 538

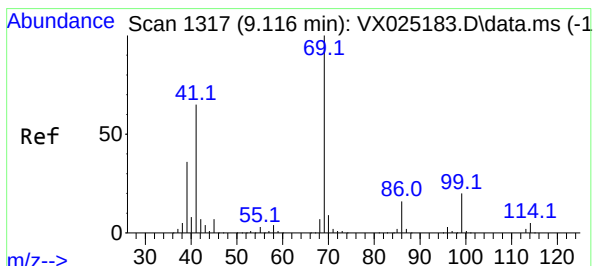
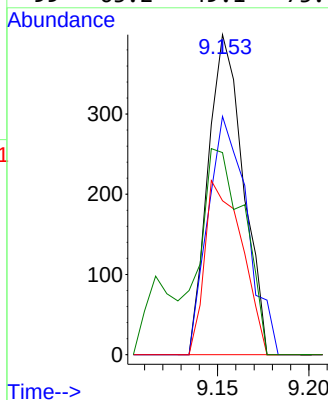
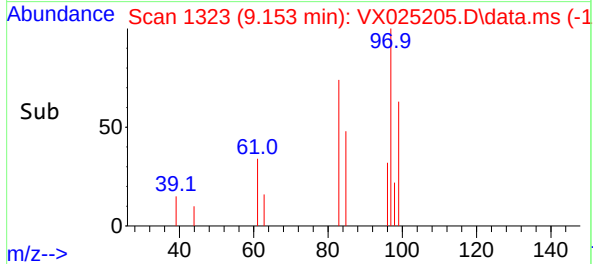
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 74.4  | 69.2  | 103.8 |
| 85  | 48.1  | 43.3  | 64.9  |
| 99  | 63.2  | 49.1  | 73.7  |

Manual Integrations  
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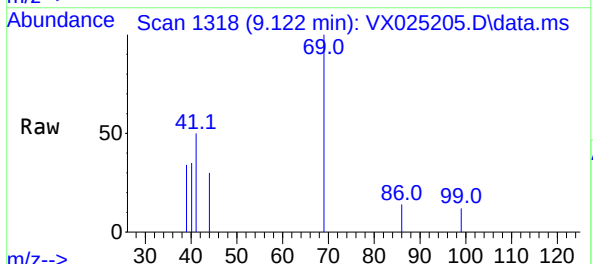
Reviewed By :John  
Carlone

11/19/2021  
Supervised By :Mahesh  
Dadoda

11/26/2021

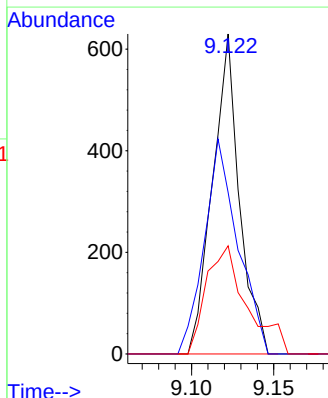
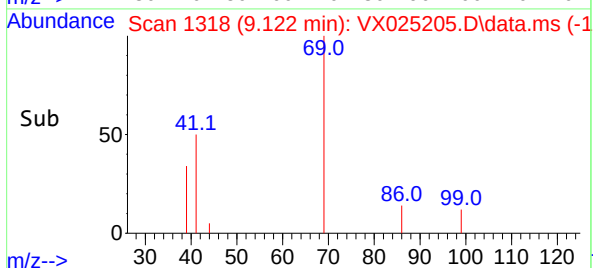


#56  
Ethyl methacrylate  
Concen: 0.361 ug/l  
RT: 9.122 min Scan# 1318  
Delta R.T. 0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

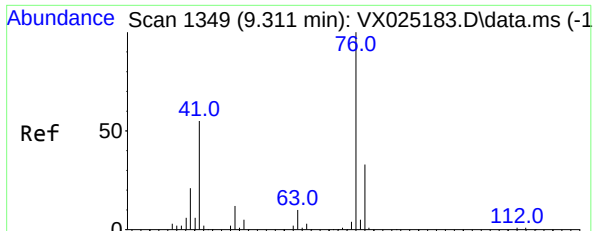


Tgt Ion: 69 Resp: 716

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 83.5  | 55.3  | 82.9# |
| 39  | 50.8  | 30.2  | 45.4# |

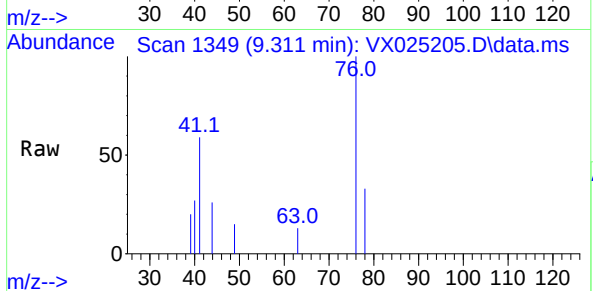






#57  
1,3-Dichloropropane  
Concen: 0.419 ug/l  
RT: 9.311 min Scan# 1175  
Delta R.T. 0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021



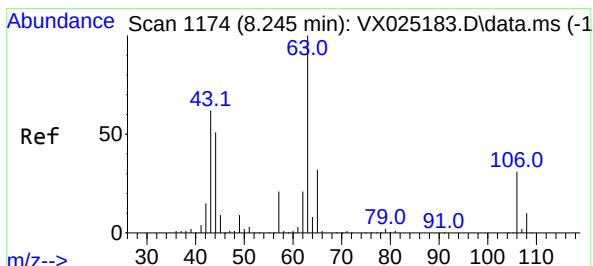
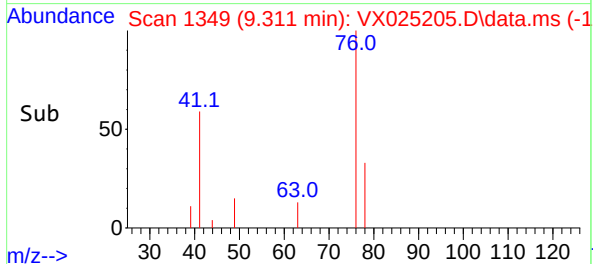
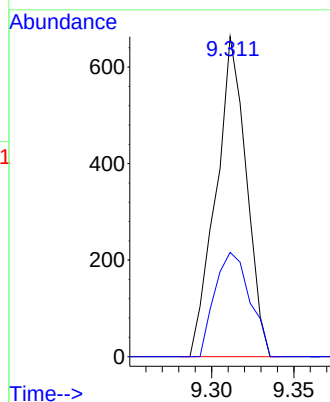
Tgt Ion: 76 Resp: 849  
Ion Ratio Lower Upper  
76 100  
78 37.7 25.8 38.8

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

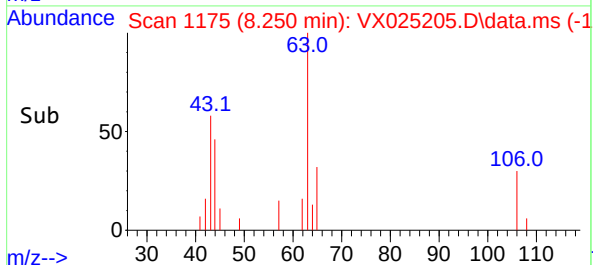
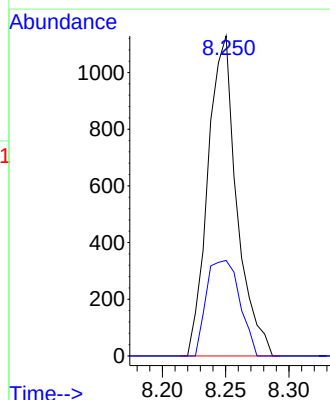
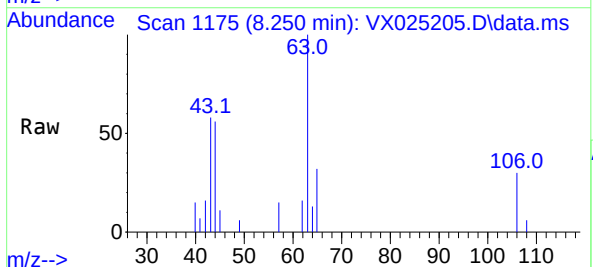
11/19/2021  
Supervised By :Mahesh  
Dadoda

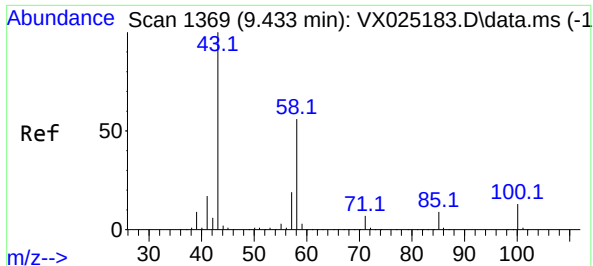
11/26/2021



#58  
2-Chloroethyl Vinyl ether  
Concen: 1.938 ug/l  
RT: 8.250 min Scan# 1175  
Delta R.T. 0.005 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Tgt Ion: 63 Resp: 1789  
Ion Ratio Lower Upper  
63 100  
106 34.4 22.8 34.2#





#59

2-Hexanone

Concen: 2.017 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025205.D

Acq: 18 Nov 2021 11:37

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 43 Resp: 293  
 Ion Ratio Lower Upper  
 43 100  
 58 53.2 26.6 79.7

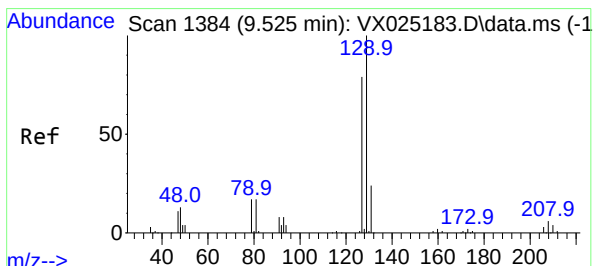
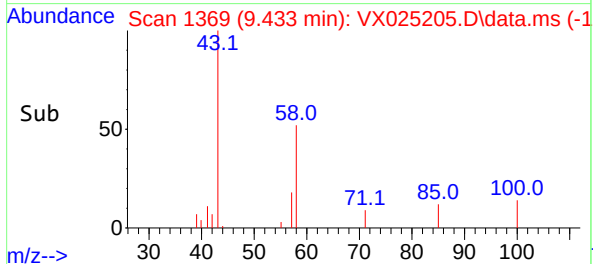
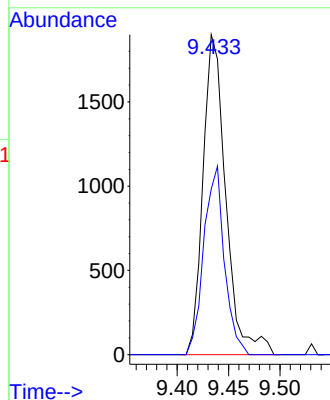
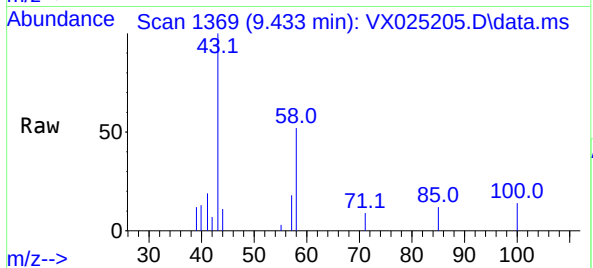
Manual Integrations  
 APPROVED

Reviewed By :John  
 Carlone

11/19/2021

Supervised By :Mahesh  
 Dadoda

11/26/2021



#60

Dibromochloromethane

Concen: 0.442 ug/l

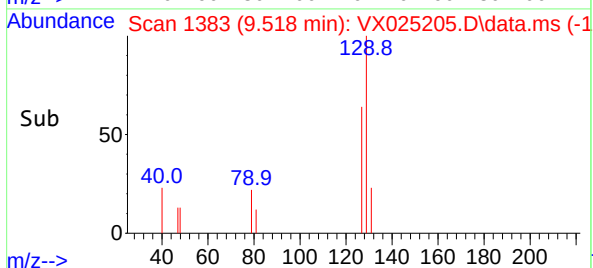
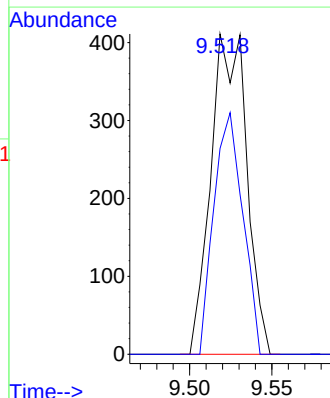
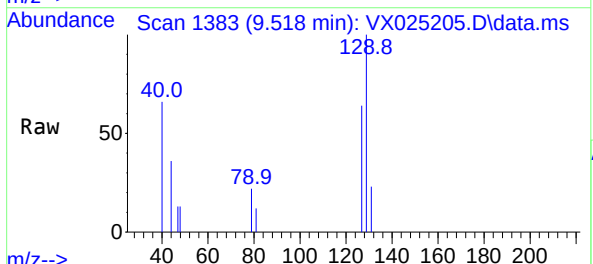
RT: 9.518 min Scan# 1383

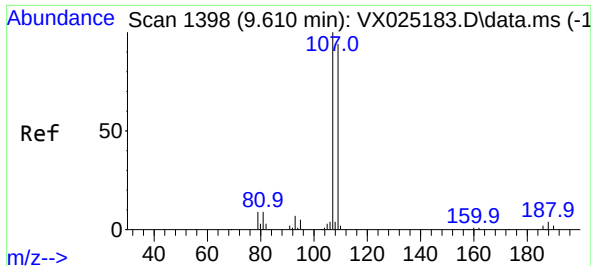
Delta R.T. -0.007 min

Lab File: VX025205.D

Acq: 18 Nov 2021 11:37

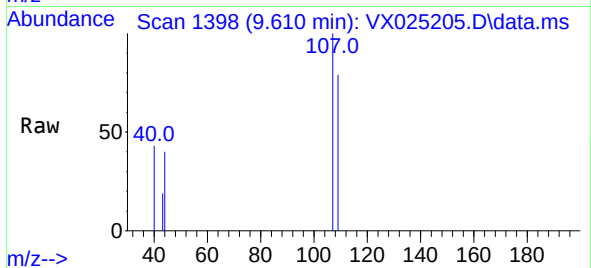
Tgt Ion:129 Resp: 622  
 Ion Ratio Lower Upper  
 129 100  
 127 60.9 38.5 115.5





#61  
1,2-Dibromoethane  
Concen: 0.491 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021



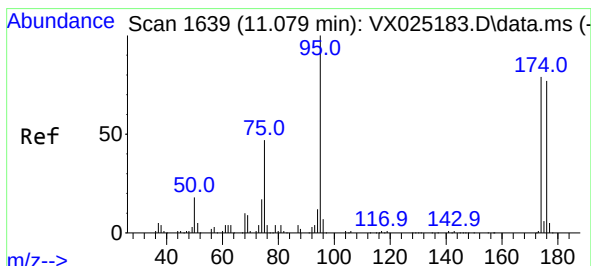
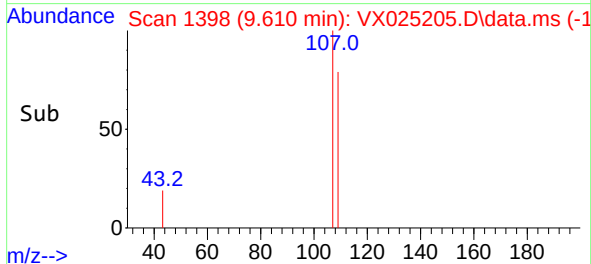
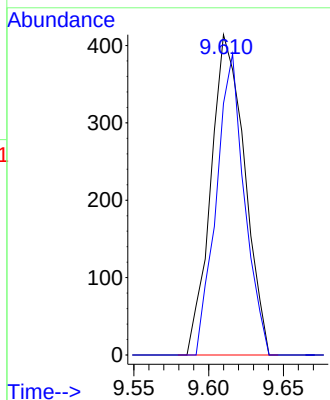
Tgt Ion:107 Resp: 650  
Ion Ratio Lower Upper  
107 100  
109 78.0 74.4 111.6

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

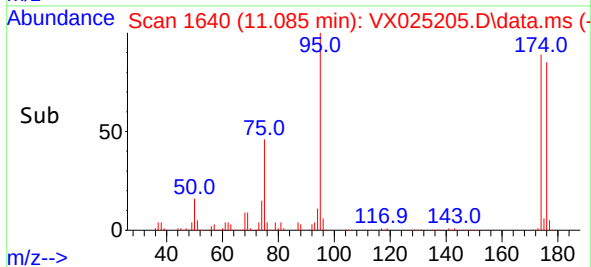
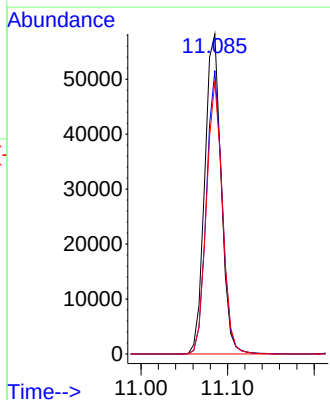
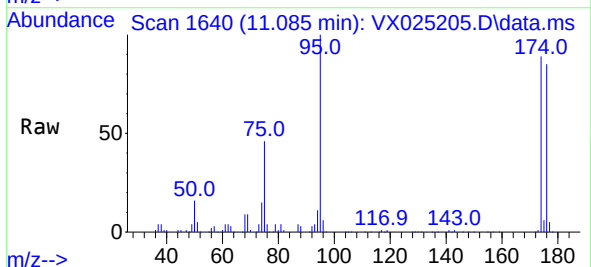
11/19/2021  
Supervised By :Mahesh  
Dadoda

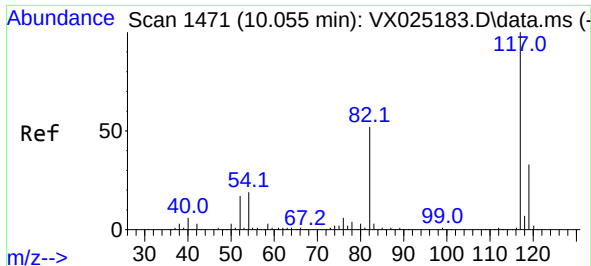
11/26/2021



#62  
4-Bromofluorobenzene  
Concen: 49.183 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

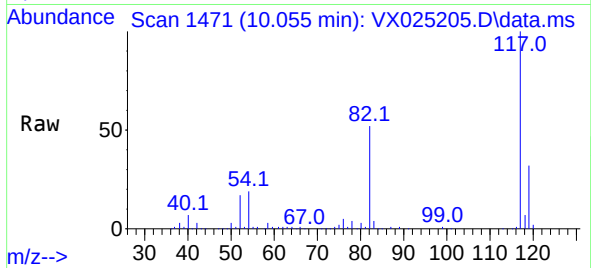
Tgt Ion: 95 Resp: 76517  
Ion Ratio Lower Upper  
95 100  
174 85.1 0.0 158.0  
176 83.1 0.0 153.6





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument : MSVOA\_X  
ClientSampleId : MDL-WATER-03-QT4-2021



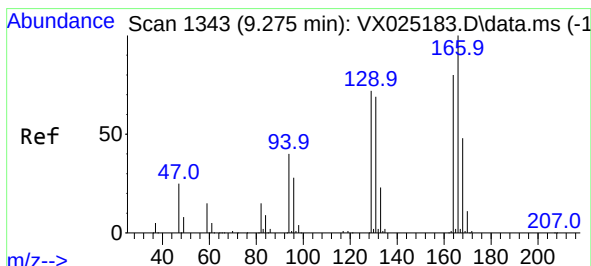
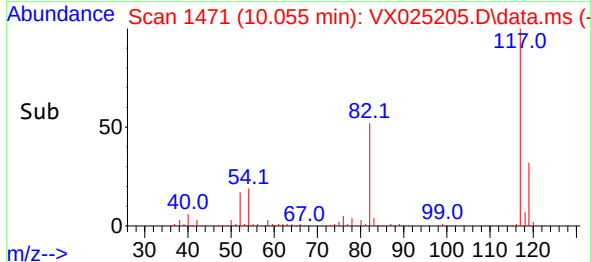
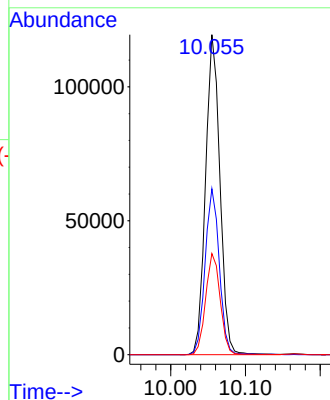
Tgt Ion:117 Resp: 15957  
Ion Ratio Lower Upper  
117 100  
82 51.9 44.6 67.0  
119 31.6 24.8 37.2

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

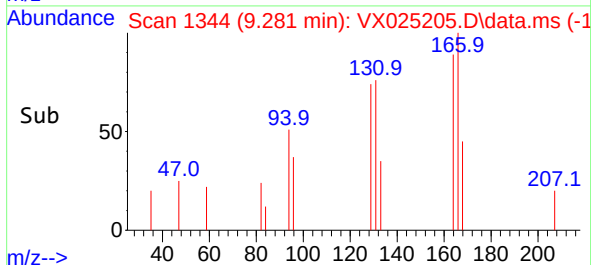
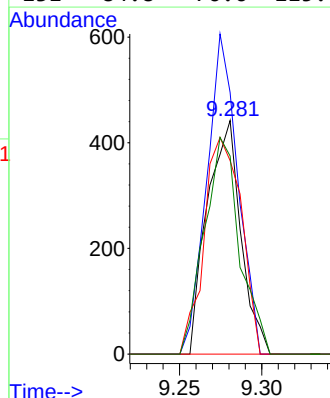
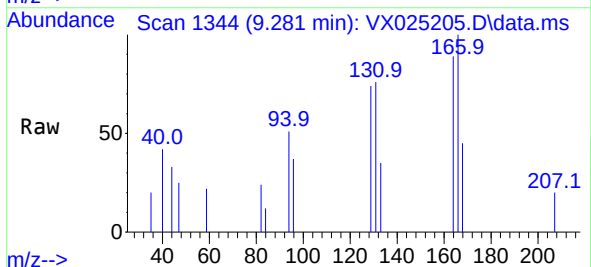
11/19/2021  
Supervised By :Mahesh  
Dadoda

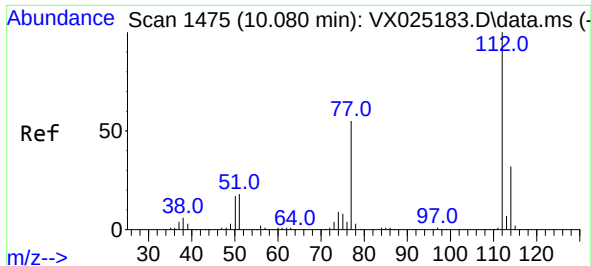
11/26/2021



#64  
Tetrachloroethene  
Concen: 0.477 ug/l  
RT: 9.281 min Scan# 1344  
Delta R.T. 0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

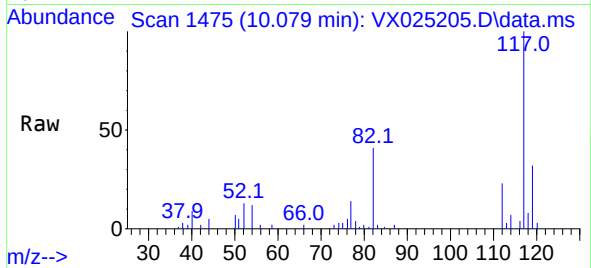
Tgt Ion:164 Resp: 628  
Ion Ratio Lower Upper  
164 100  
166 112.0 103.2 154.8  
129 82.8 81.0 121.4  
131 84.8 76.6 115.0





#65  
Chlorobenzene  
Concen: 0.467 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.001 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021



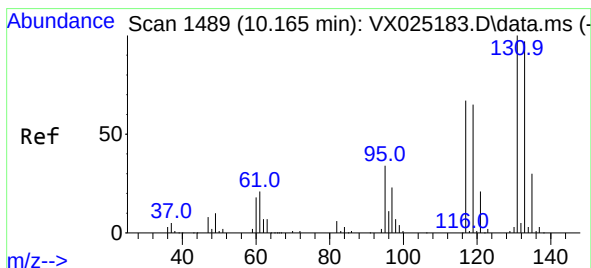
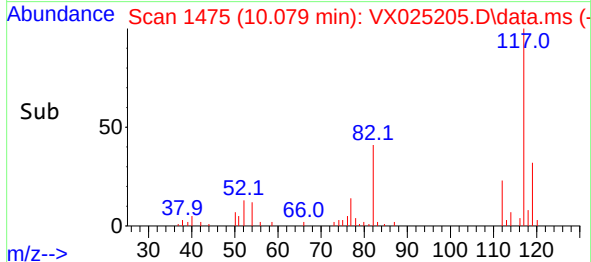
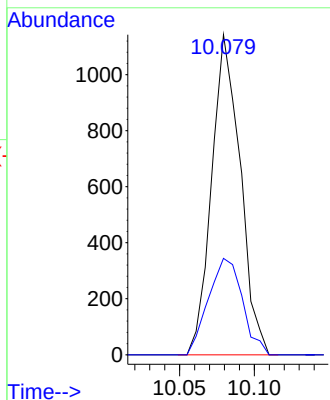
Tgt Ion:112 Resp: 1518  
Ion Ratio Lower Upper  
112 100  
114 30.1 25.8 38.6

Manual Integrations  
**APPROVED**

Reviewed By :John  
Carlone

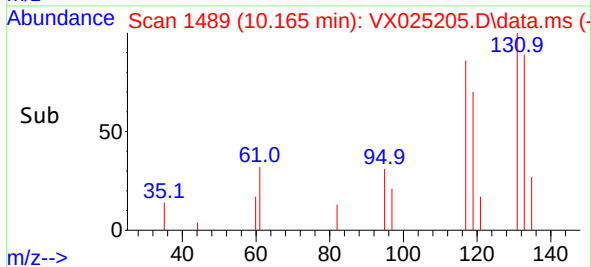
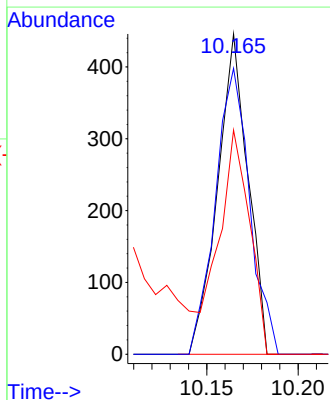
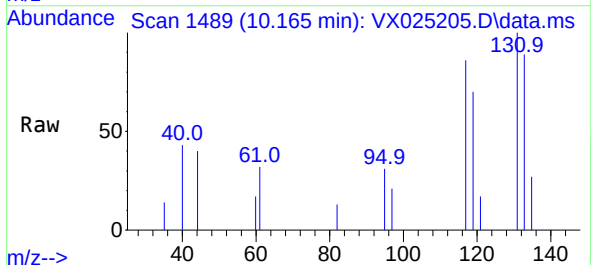
11/19/2021  
Supervised By :Mahesh  
Dadoda

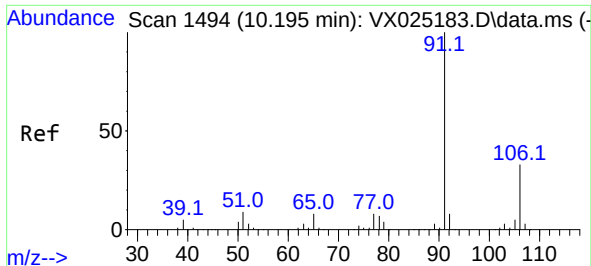
11/26/2021



#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.413 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Tgt Ion:131 Resp: 515  
Ion Ratio Lower Upper  
131 100  
133 101.0 48.1 144.4  
119 0.0 32.0 96.0#





#67  
Ethyl Benzene  
Concen: 0.455 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021

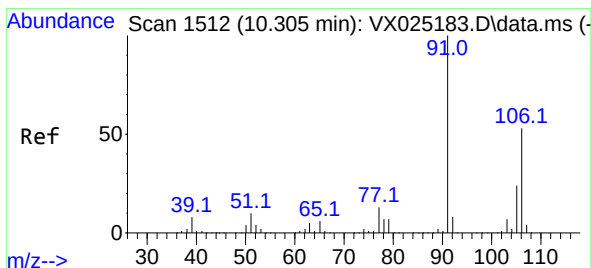
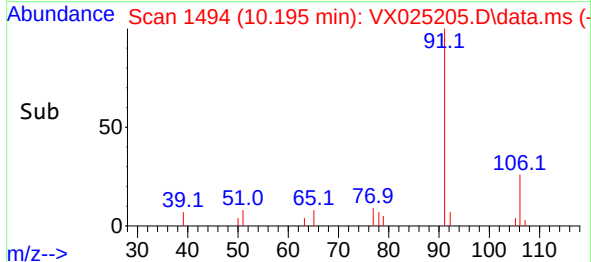
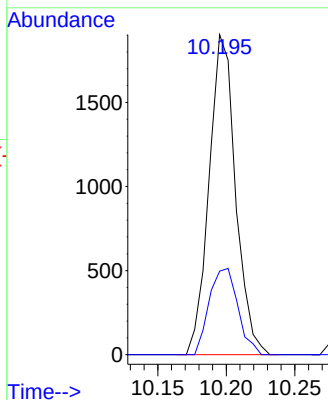
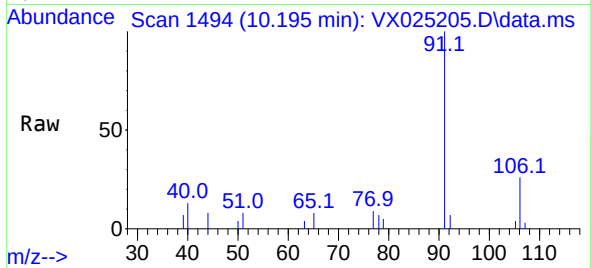
Tgt Ion: 91 Resp: 2550  
Ion Ratio Lower Upper  
91 100  
106 26.1 24.7 37.1

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

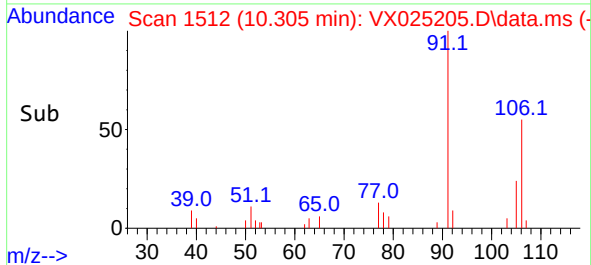
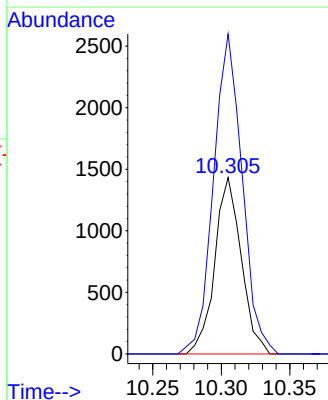
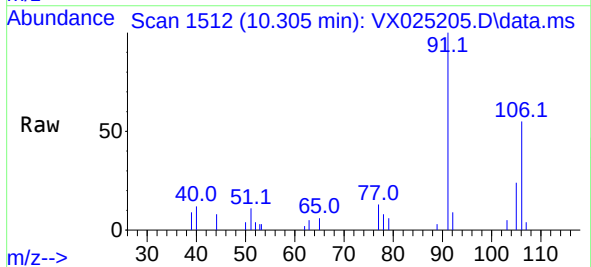
11/19/2021  
Supervised By :Mahesh  
Dadoda

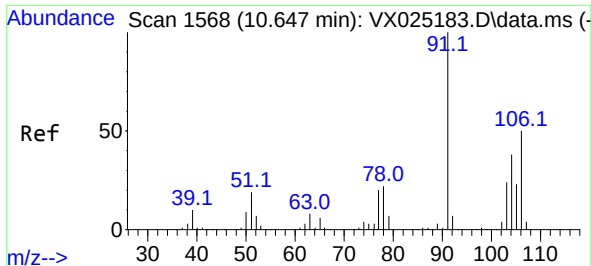
11/26/2021



#68  
m/p-Xylenes  
Concen: 0.840 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Tgt Ion:106 Resp: 1927  
Ion Ratio Lower Upper  
106 100  
91 195.9 163.4 245.0





#69  
o-Xylene  
Concen: 0.499 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. -0.001 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument : MSVOA\_X  
ClientSampleId : MDL-WATER-03-QT4-2021

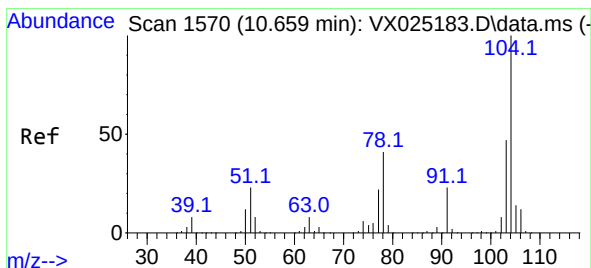
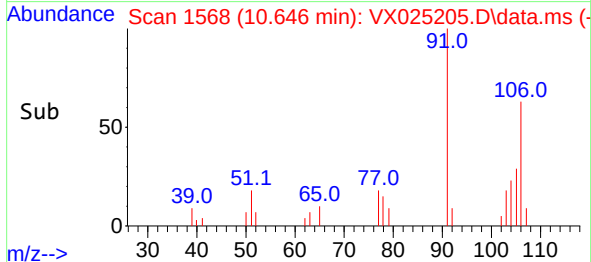
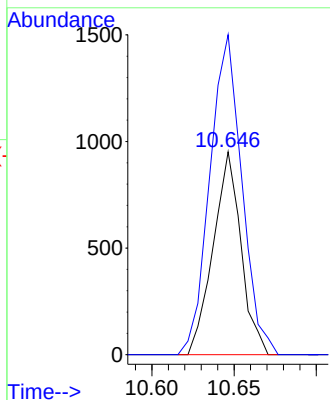
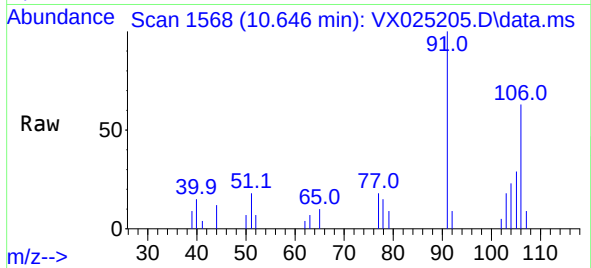
Tgt Ion:106 Resp: 112  
Ion Ratio Lower Upper  
106 100  
91 181.4 109.5 328.4

Manual Integrations  
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Reviewed By :John  
Carlone

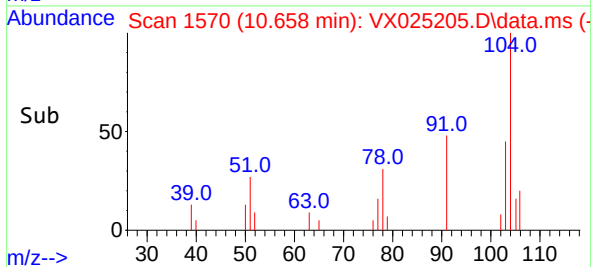
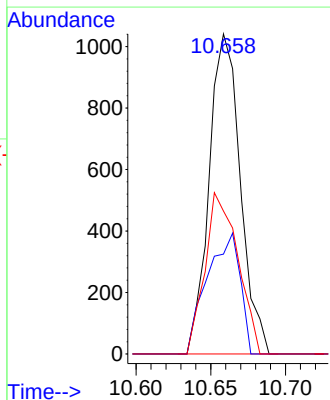
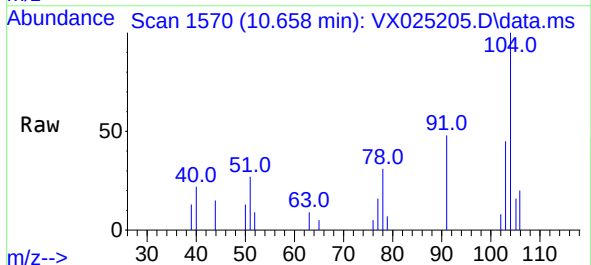
11/19/2021  
Supervised By :Mahesh  
Dadoda

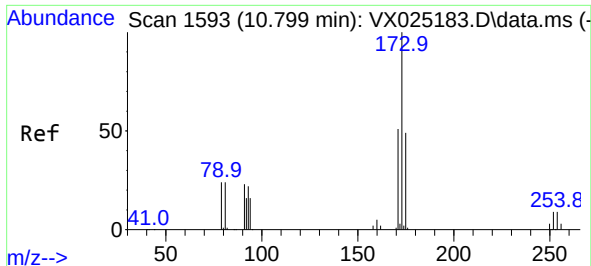
11/26/2021



#70  
Styrene  
Concen: 0.407 ug/l  
RT: 10.658 min Scan# 1570  
Delta R.T. -0.001 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

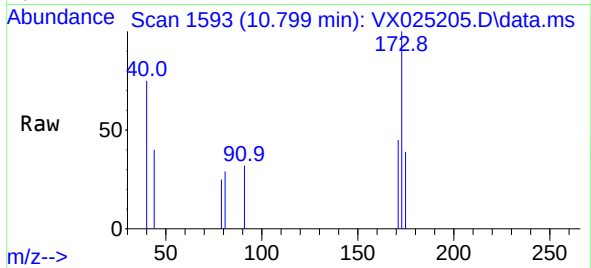
Tgt Ion:104 Resp: 1512  
Ion Ratio Lower Upper  
104 100  
78 39.7 41.3 61.9#  
103 53.1 43.5 65.3





#71  
Bromoform  
Concen: 0.441 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021



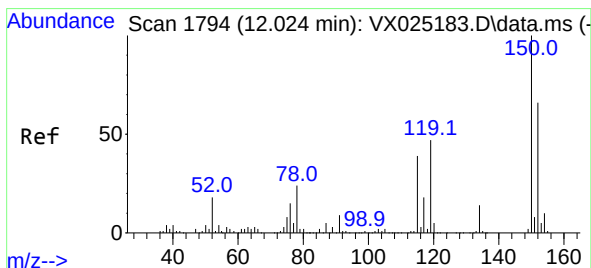
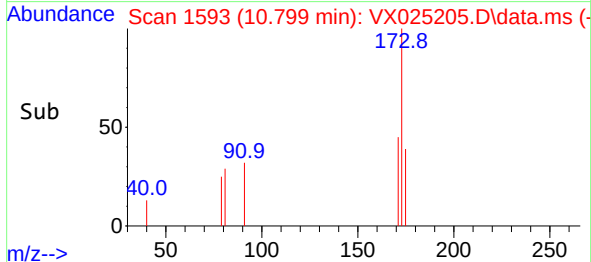
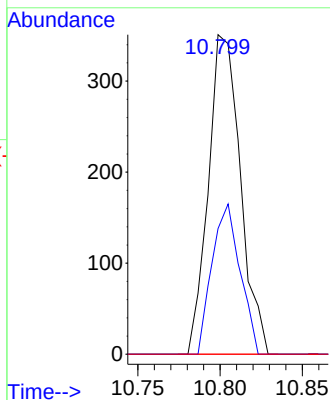
Tgt Ion:173 Resp: 477  
Ion Ratio Lower Upper  
173 100  
175 40.9 24.3 73.0  
254 0.0 0.0 0.0

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

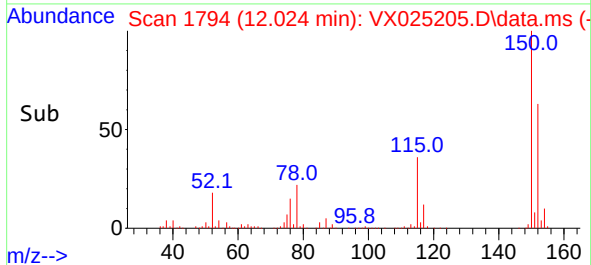
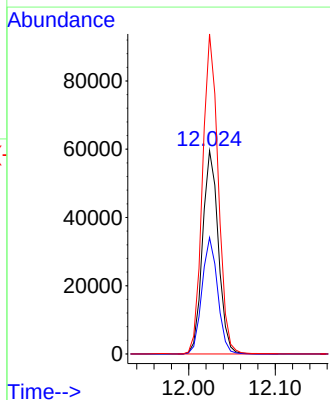
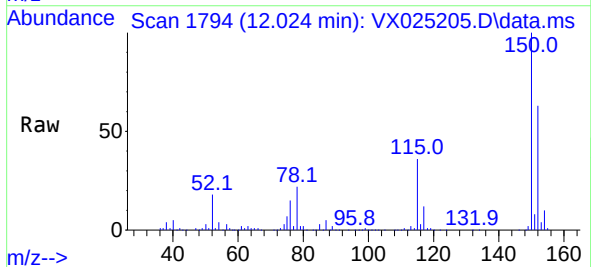
11/19/2021  
Supervised By :Mahesh  
Dadoda

11/26/2021

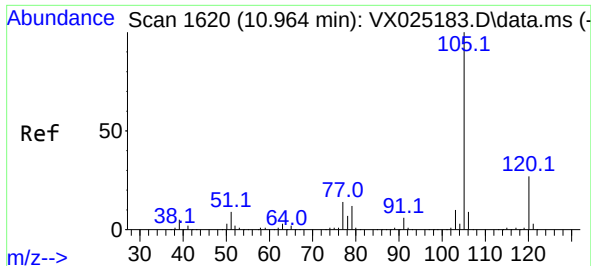


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Tgt Ion:152 Resp: 75331  
Ion Ratio Lower Upper  
152 100  
115 56.7 43.3 129.8  
150 156.7 0.0 351.2







#73  
Isopropylbenzene  
Concen: 0.445 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.001 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021

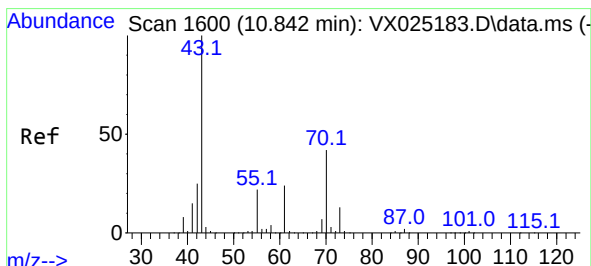
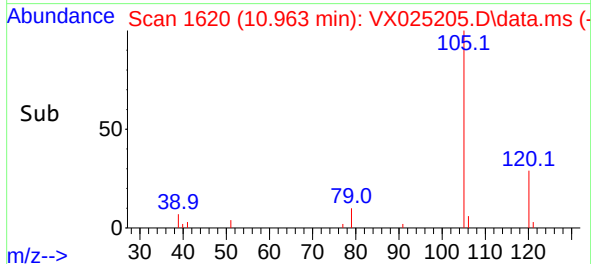
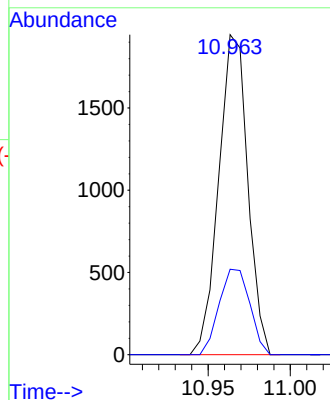
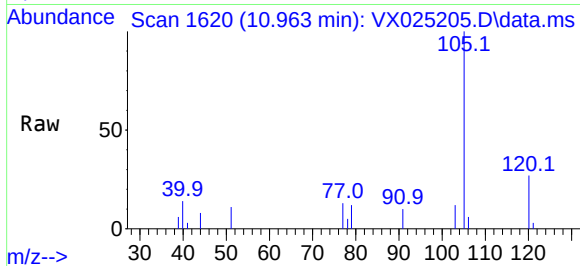
Tgt Ion: 105 Resp: 239  
Ion Ratio Lower Upper  
105 100  
120 28.3 13.3 39.8

Manual Integrations  
**APPROVED**

Reviewed By :John  
Carlone

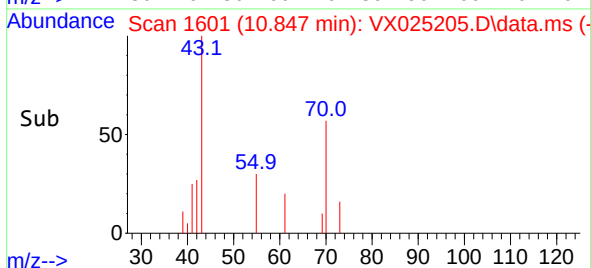
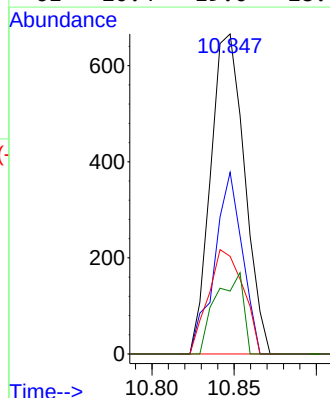
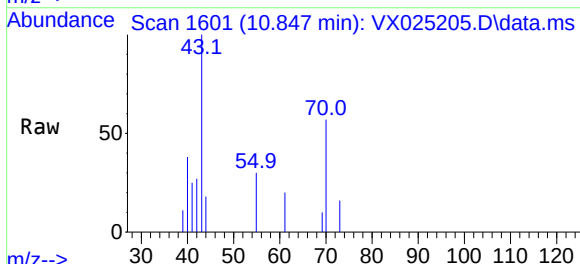
11/19/2021  
Supervised By :Mahesh  
Dadoda

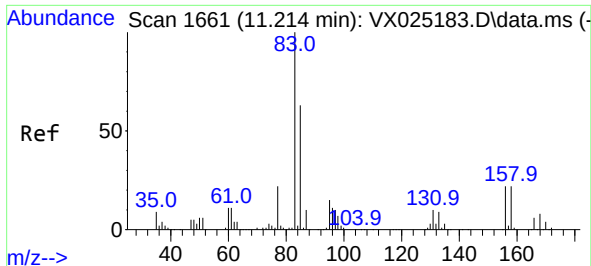
11/26/2021



#74  
N-ethyl acetate  
Concen: 0.411 ug/l  
RT: 10.847 min Scan# 1601  
Delta R.T. 0.005 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

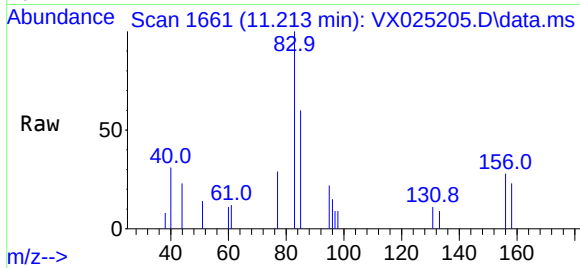
Tgt Ion: 43 Resp: 955  
Ion Ratio Lower Upper  
43 100  
70 46.4 33.7 50.5  
55 33.5 19.7 29.5#  
61 20.4 19.0 28.4





#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.464 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.001 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument : MSVOA\_X  
ClientSampleId : MDL-WATER-03-QT4-2021



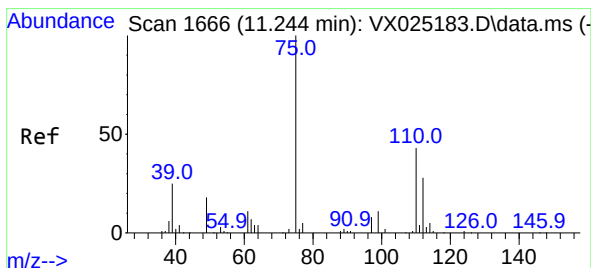
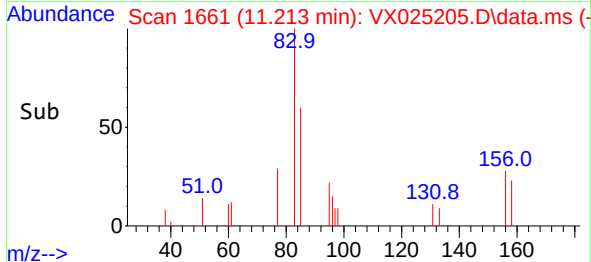
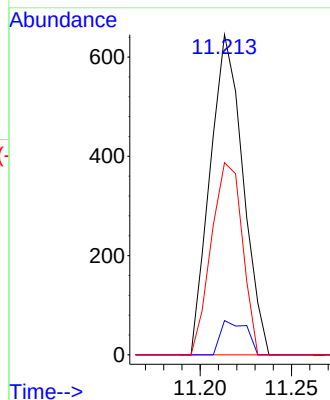
Tgt Ion: 83 Resp: 80  
Ion Ratio Lower Upper  
83 100  
131 8.4 5.3 16.1  
85 56.9 32.3 96.9

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

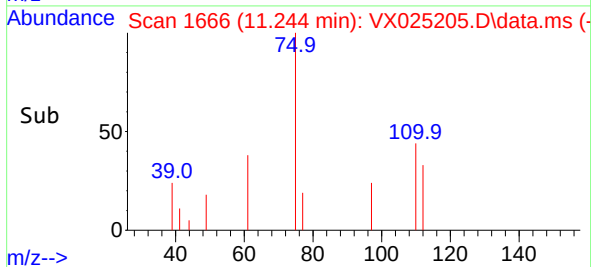
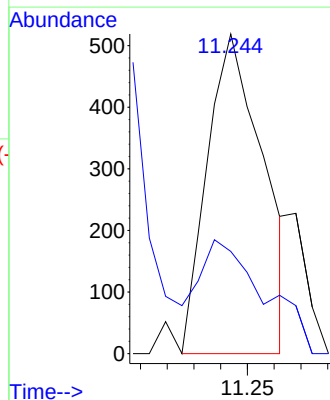
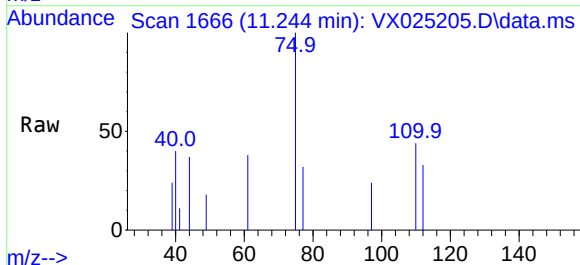
11/19/2021  
Supervised By :Mahesh  
Dadoda

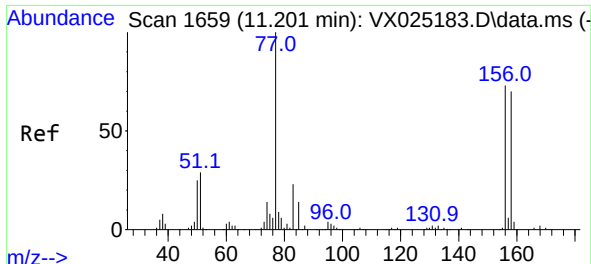
11/26/2021



#76  
1,2,3-Trichloropropane  
Concen: 0.489 ug/l m  
RT: 11.244 min Scan# 1666  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

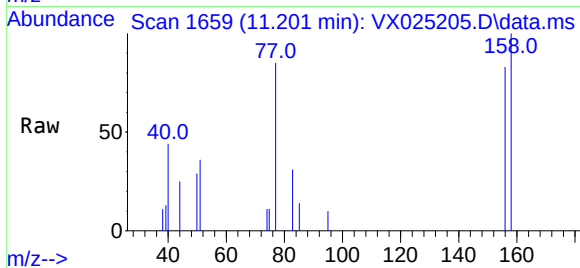
Tgt Ion: 75 Resp: 754  
Ion Ratio Lower Upper  
75 100  
77 56.1 20.0 59.9





#77  
Bromobenzene  
Concen: 0.451 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021



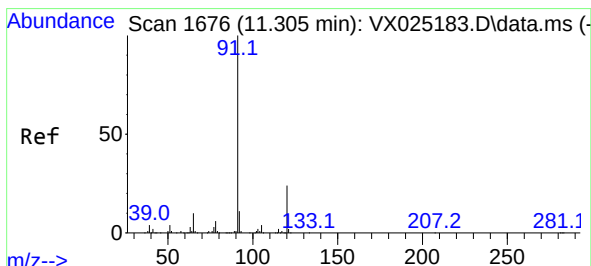
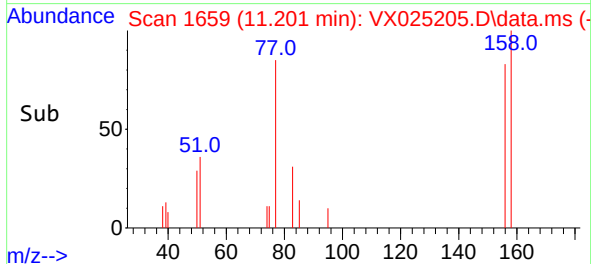
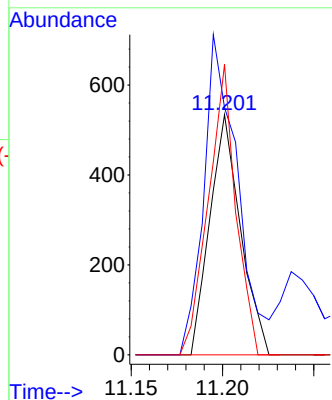
Tgt Ion:156 Resp: 621  
Ion Ratio Lower Upper  
156 100  
77 146.5 78.3 234.8  
158 108.5 48.9 146.6

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

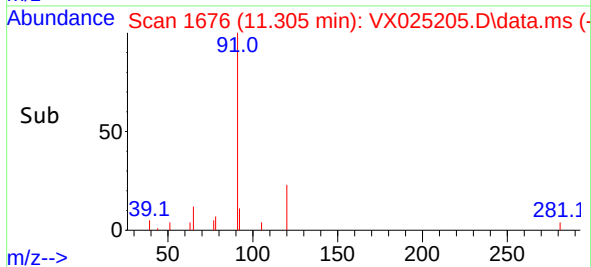
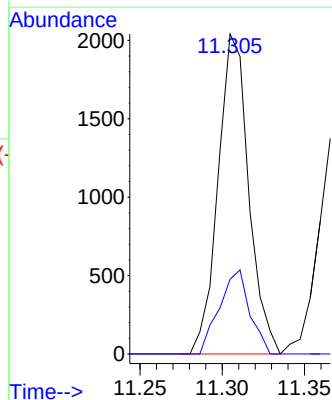
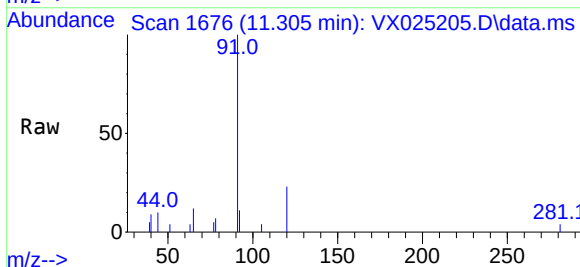
11/19/2021  
Supervised By :Mahesh  
Dadoda

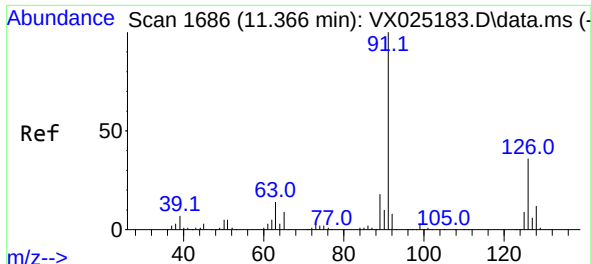
11/26/2021



#78  
n-propylbenzene  
Concen: 0.438 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Tgt Ion: 91 Resp: 2641  
Ion Ratio Lower Upper  
91 100  
120 25.9 11.7 35.0





#79

2-Chlorotoluene

Concen: 0.470 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025205.D

Acq: 18 Nov 2021 11:37

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion: 91 Resp: 1725  
 Ion Ratio Lower Upper  
 91 100  
 126 31.0 17.0 50.9

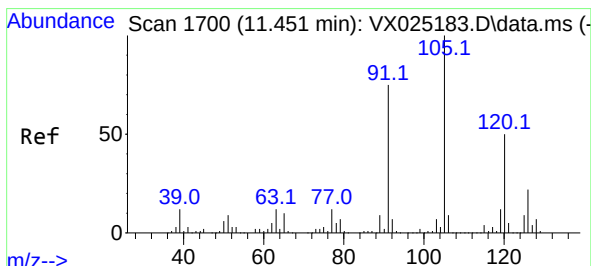
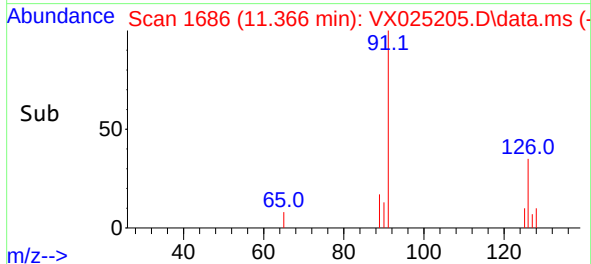
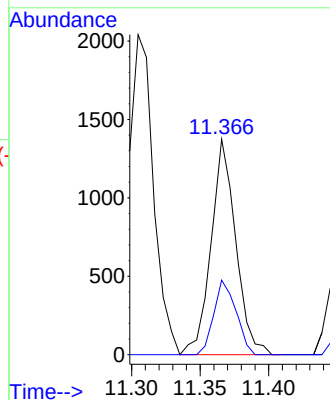
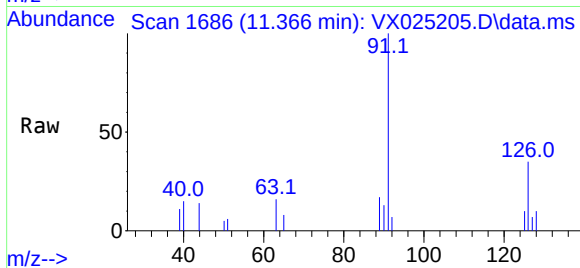
Manual Integrations  
 APPROVED

Reviewed By :John  
 Carlone

11/19/2021

Supervised By :Mahesh  
 Dadoda

11/26/2021



#80

1,3,5-Trimethylbenzene

Concen: 0.440 ug/l

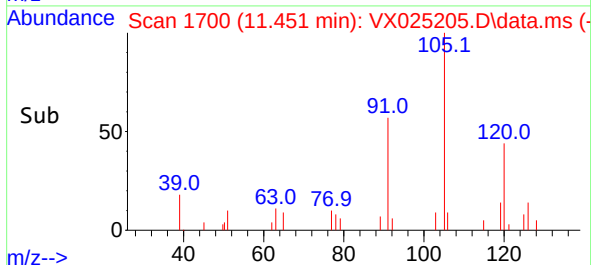
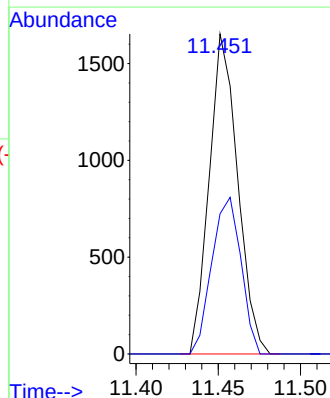
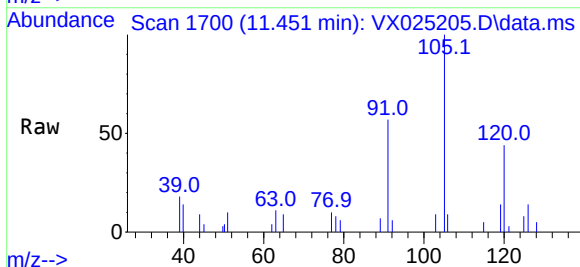
RT: 11.451 min Scan# 1700

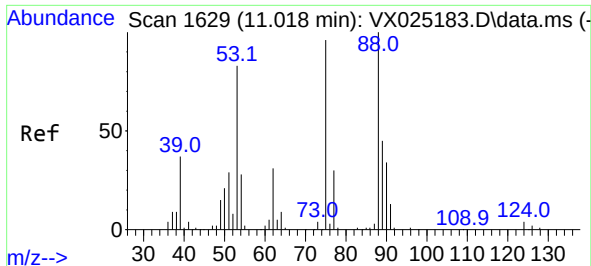
Delta R.T. 0.000 min

Lab File: VX025205.D

Acq: 18 Nov 2021 11:37

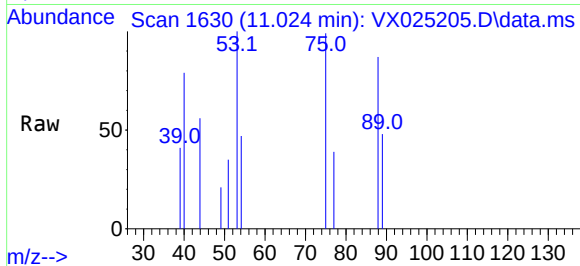
Tgt Ion:105 Resp: 1985  
 Ion Ratio Lower Upper  
 105 100  
 120 50.1 23.8 71.5





#81  
trans-1,4-Dichloro-2-butene  
Concen: 0.413 ug/l m  
RT: 11.024 min Scan# 1630  
Delta R.T. 0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021



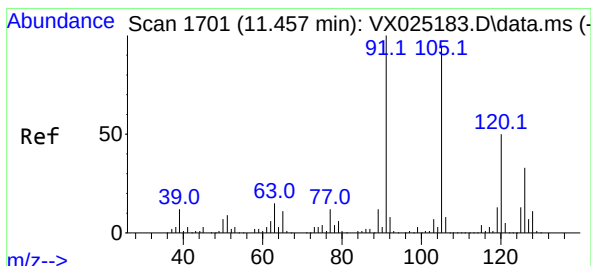
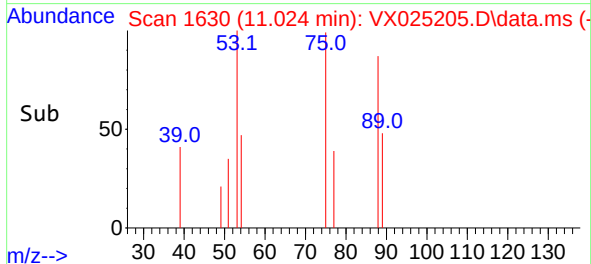
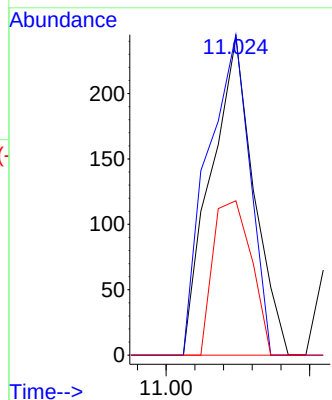
Tgt Ion: 75 Resp: 25  
Ion Ratio Lower Upper  
75 100  
53 0.0 81.9 122.9  
89 0.0 38.2 57.2

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

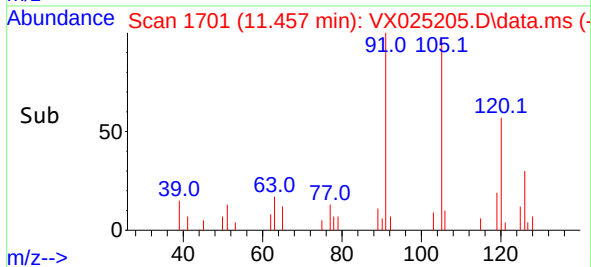
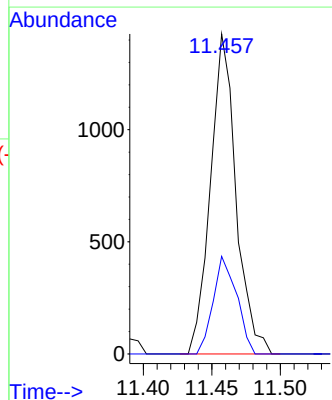
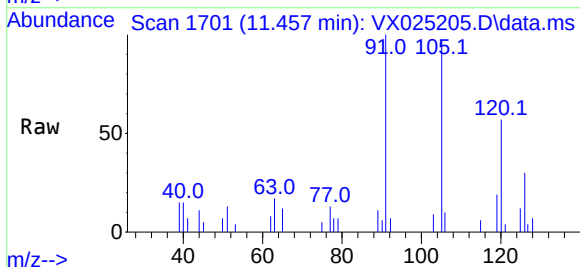
11/19/2021  
Supervised By :Mahesh  
Dadoda

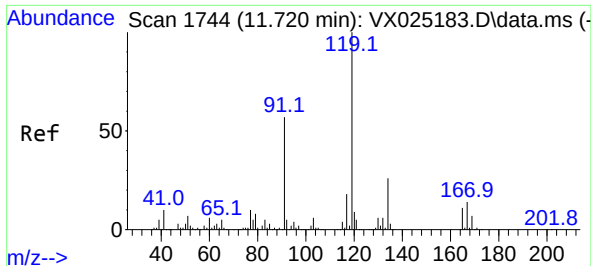
11/26/2021



#82  
4-Chlorotoluene  
Concen: 0.442 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

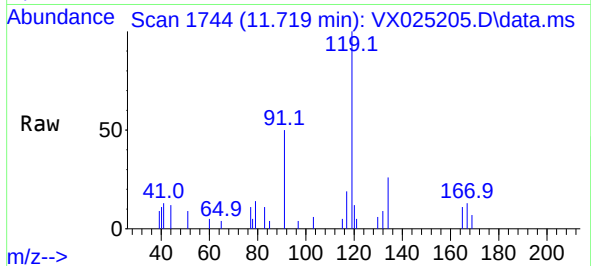
Tgt Ion: 91 Resp: 1851  
Ion Ratio Lower Upper  
91 100  
126 28.0 14.9 44.5





#83  
tert-Butylbenzene  
Concen: 0.519 ug/l  
RT: 11.719 min Scan# 1744  
Delta R.T. -0.001 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument : MSVOA\_X  
ClientSampleId : MDL-WATER-03-QT4-2021



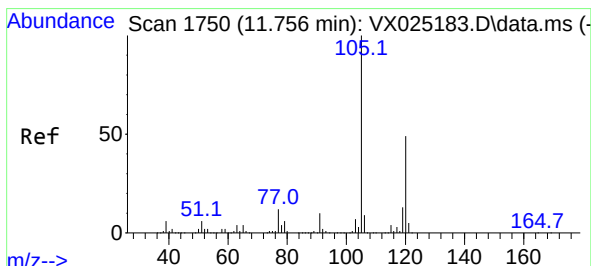
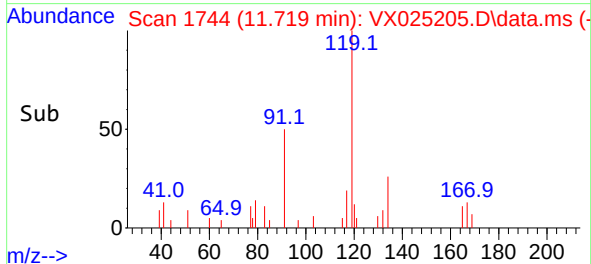
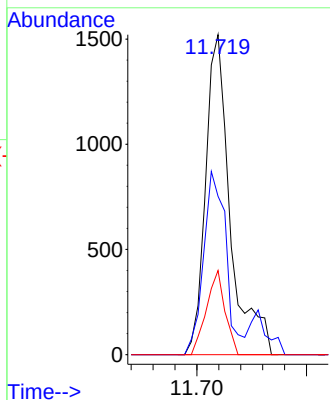
Tgt Ion:119 Resp: 238  
Ion Ratio Lower Upper  
119 100  
91 52.4 30.3 90.9  
134 19.8 11.4 34.1

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

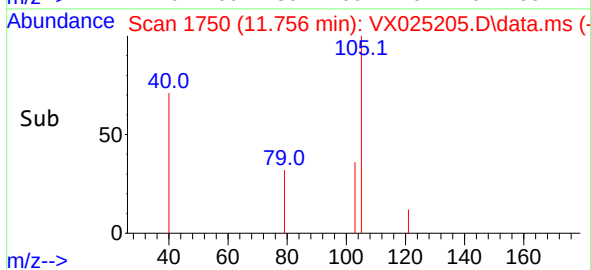
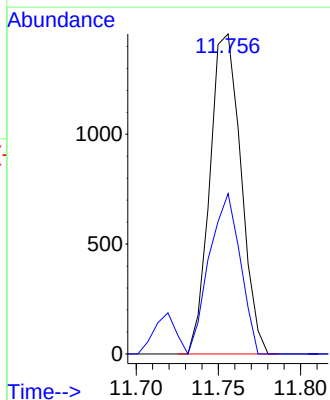
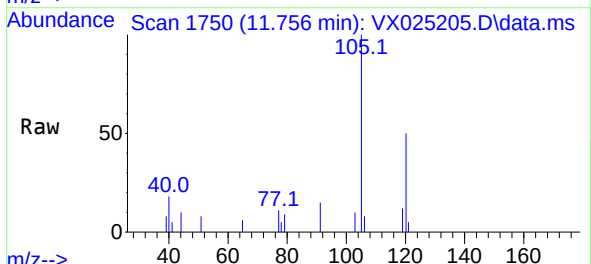
11/19/2021  
Supervised By :Mahesh  
Dadoda

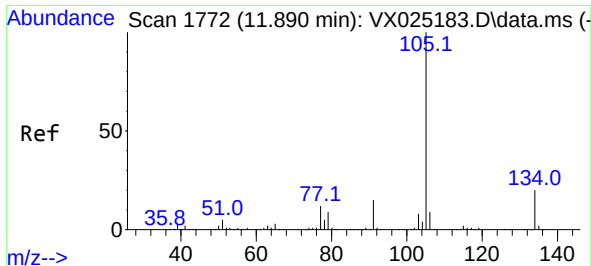
11/26/2021



#84  
1,2,4-Trimethylbenzene  
Concen: 0.430 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Tgt Ion:105 Resp: 1920  
Ion Ratio Lower Upper  
105 100  
120 49.7 22.1 66.3





#85  
sec-Butylbenzene  
Concen: 0.435 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL-WATER-03-QT4-2021

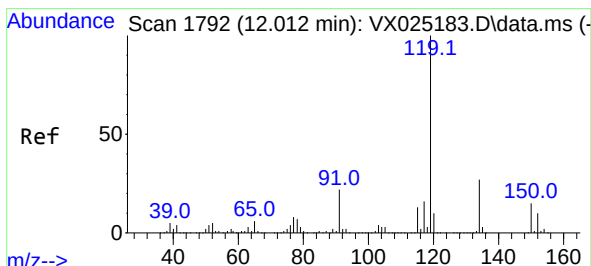
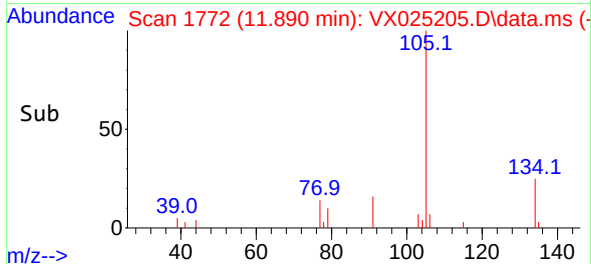
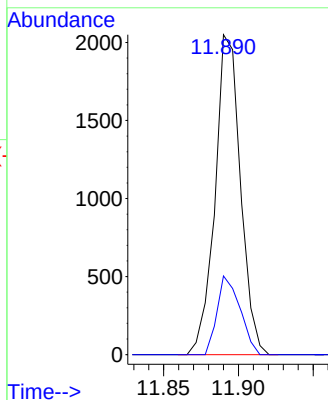
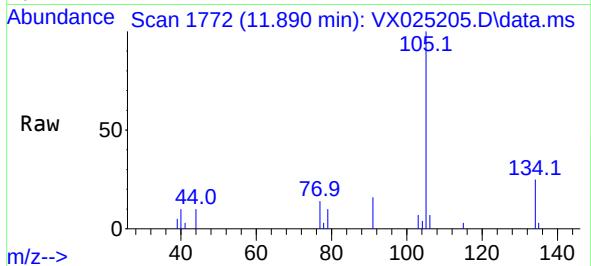
Tgt Ion:105 Resp: 2424  
Ion Ratio Lower Upper  
105 100  
134 22.1 10.2 30.4

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

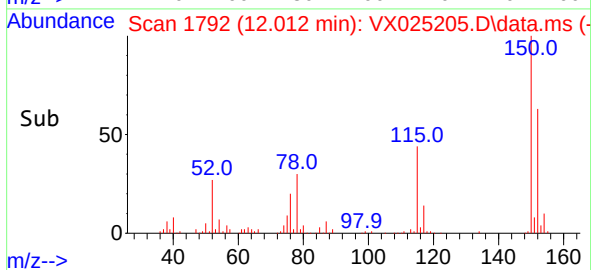
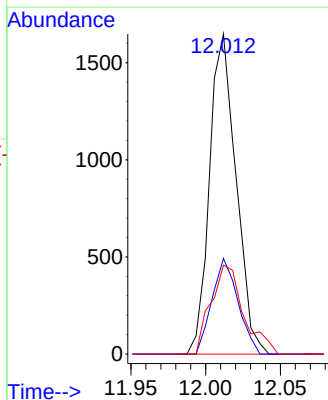
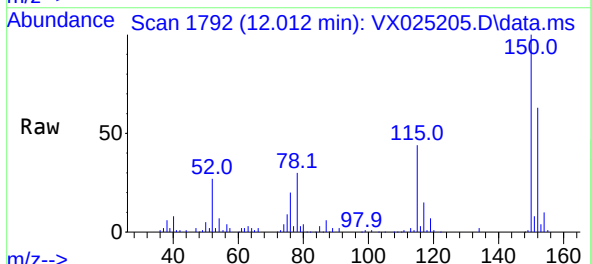
11/19/2021  
Supervised By :Mahesh  
Dadoda

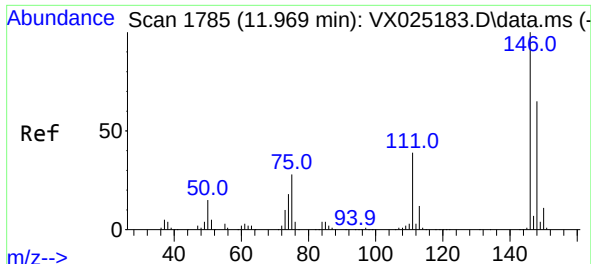
11/26/2021



#86  
p-Isopropyltoluene  
Concen: 0.424 ug/l  
RT: 12.012 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Tgt Ion:119 Resp: 2032  
Ion Ratio Lower Upper  
119 100  
134 29.2 13.2 39.5  
91 34.2 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 0.437 ug/l

RT: 11.975 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX025205.D

Acq: 18 Nov 2021 11:37

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT4-2021

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 112       |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 42.5  | 20.6 61.9 |
| 148         | 71.1  | 32.0 96.2 |

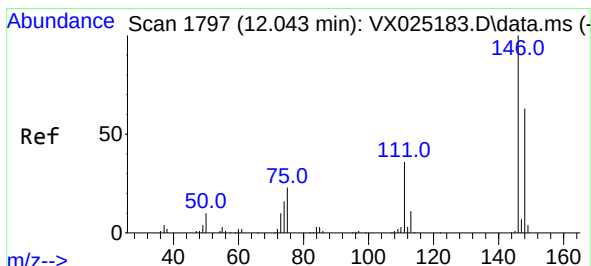
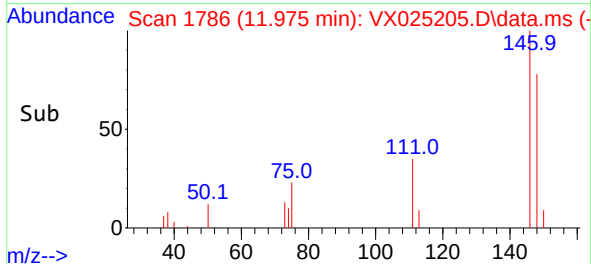
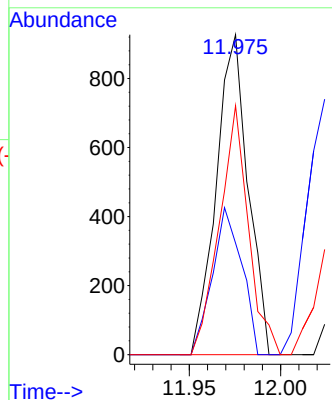
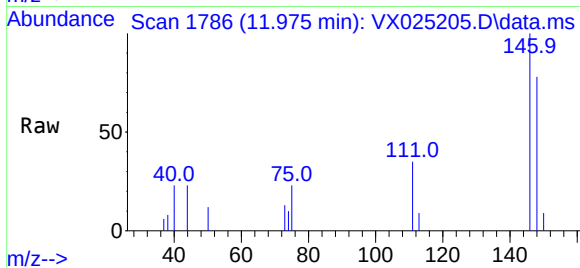
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

11/19/2021

Supervised By :Mahesh  
Dadoda

11/26/2021



#88

1,4-Dichlorobenzene

Concen: 0.505 ug/l m

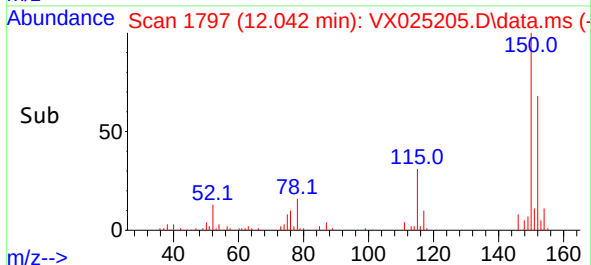
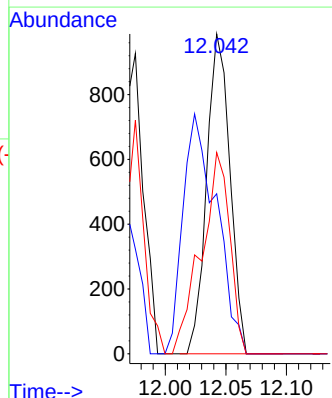
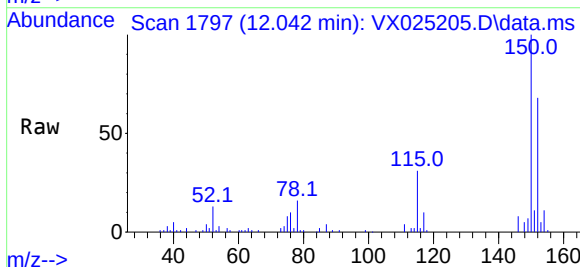
RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

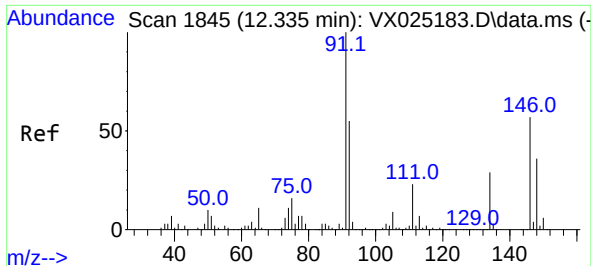
Lab File: VX025205.D

Acq: 18 Nov 2021 11:37

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 1316      |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 36.2  | 20.4 61.3 |
| 148         | 60.7  | 32.4 97.0 |







#89

n-Butylbenzene

Concen: 0.375 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX025205.D

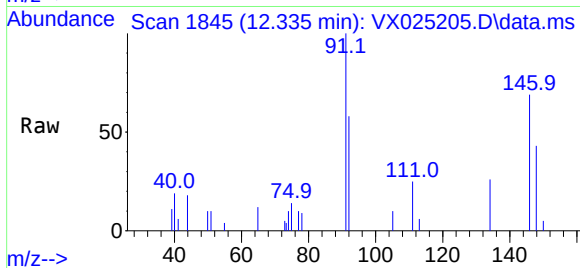
Acq: 18 Nov 2021 11:37

Instrument :

MSVOA\_X

ClientSampleId :

MDL-WATER-03-QT4-2021



Tgt Ion: 91 Resp: 1510

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 55.9  | 26.3  | 78.8  |
| 134 | 26.6  | 13.0  | 38.9  |

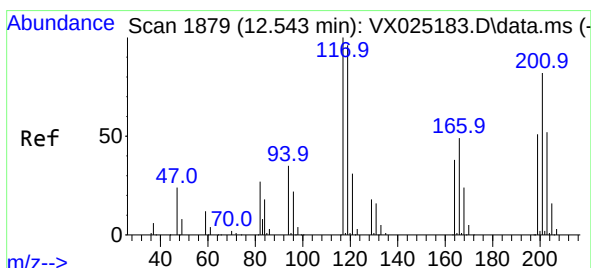
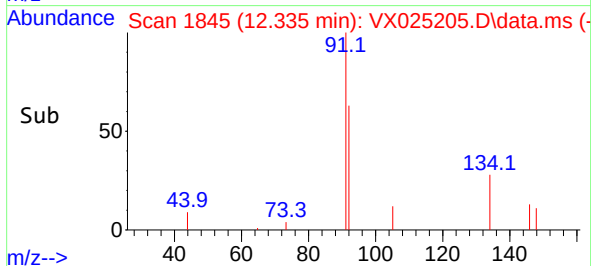
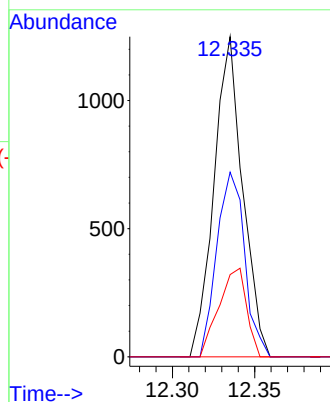
Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

11/19/2021

Supervised By :Mahesh  
Dadoda

11/26/2021



#90

Hexachloroethane

Concen: 0.358 ug/l

RT: 12.542 min Scan# 1879

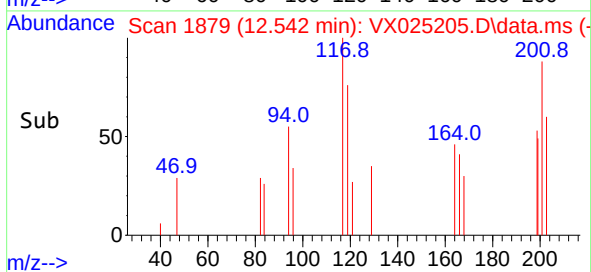
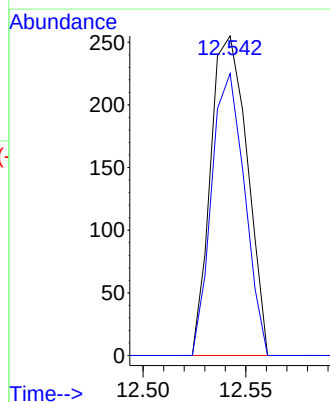
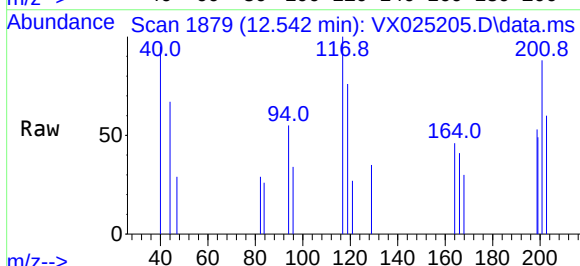
Delta R.T. -0.001 min

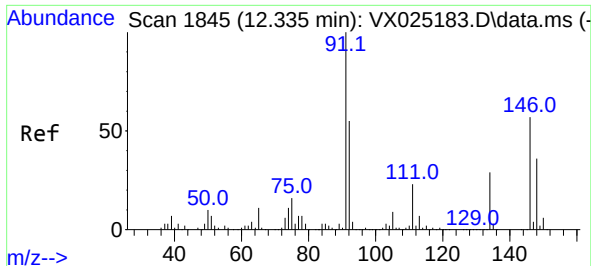
Lab File: VX025205.D

Acq: 18 Nov 2021 11:37

Tgt Ion:117 Resp: 316

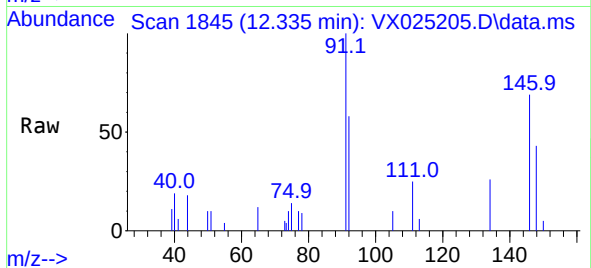
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 79.7  | 38.9  | 116.6 |





#91  
1,2-Dichlorobenzene  
Concen: 0.435 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument : MSVOA\_X  
ClientSampleId : MDL-WATER-03-QT4-2021



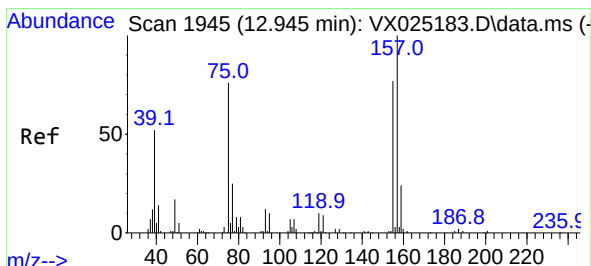
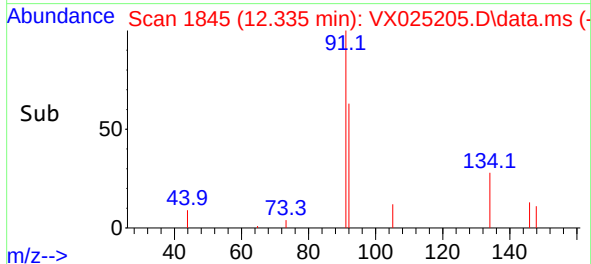
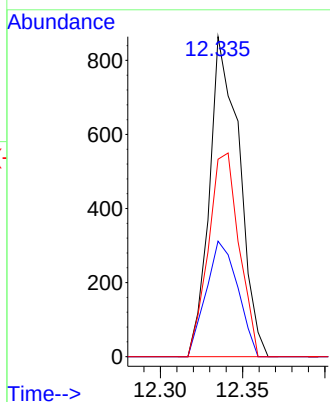
Tgt Ion: 146 Resp: 1090  
Ion Ratio Lower Upper  
146 100  
111 38.2 21.2 63.6  
148 65.4 32.1 96.5

Manual Integrations  
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Reviewed By : John  
Carlone

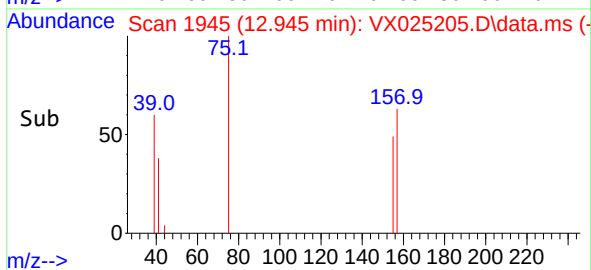
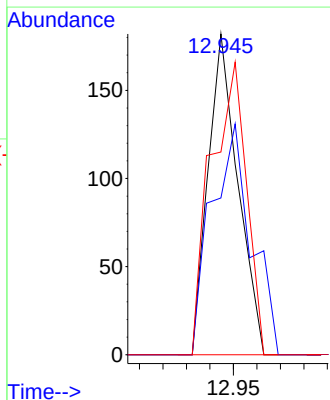
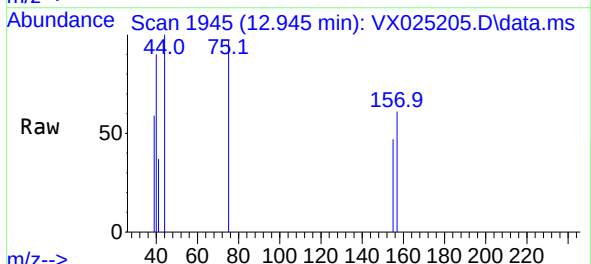
11/19/2021  
Supervised By : Mahesh  
Dadoda

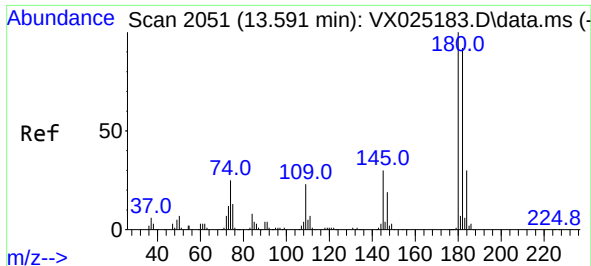
11/26/2021



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.441 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

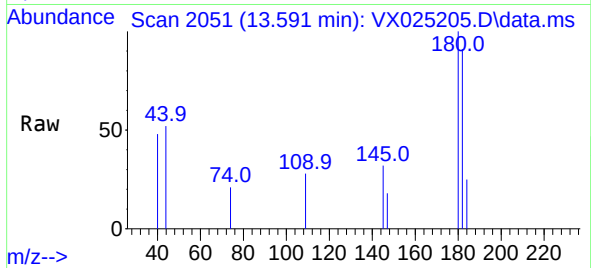
Tgt Ion: 75 Resp: 160  
Ion Ratio Lower Upper  
75 100  
155 96.3 43.1 129.3  
157 108.1 53.6 160.9





#93  
1,2,4-Trichlorobenzene  
Concen: 0.334 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument : MSVOA\_X  
ClientSampleId : MDL-WATER-03-QT4-2021



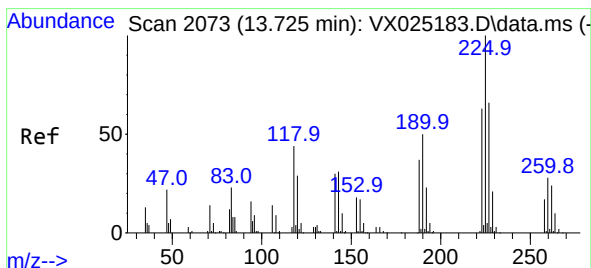
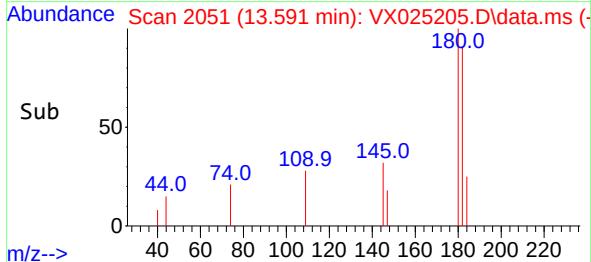
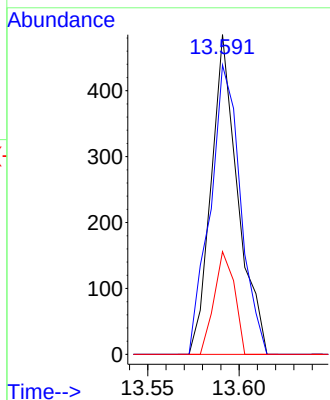
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 102.6 | 47.3  | 141.8 |
| 145     | 24.5  | 16.1  | 48.3  |

Manual Integrations  
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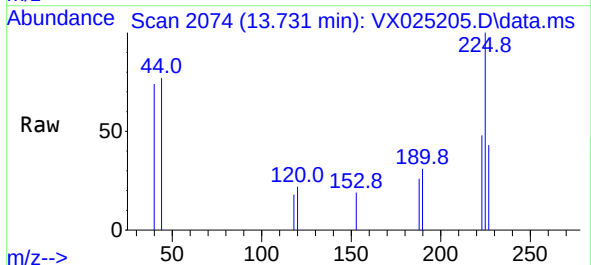
Reviewed By :John  
Carlone

11/19/2021  
Supervised By :Mahesh  
Dadoda

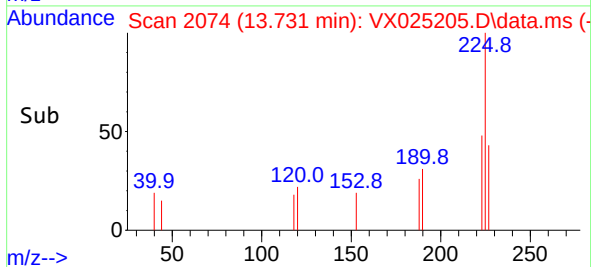
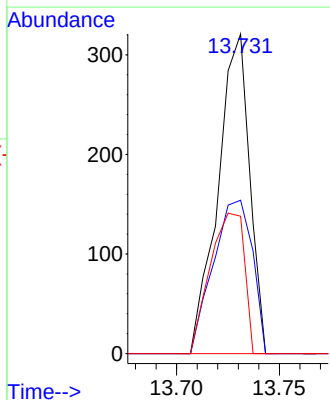
11/26/2021

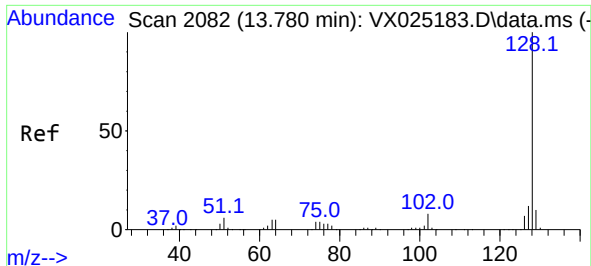


#94  
Hexachlorobutadiene  
Concen: 0.486 ug/l  
RT: 13.731 min Scan# 2074  
Delta R.T. 0.006 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37



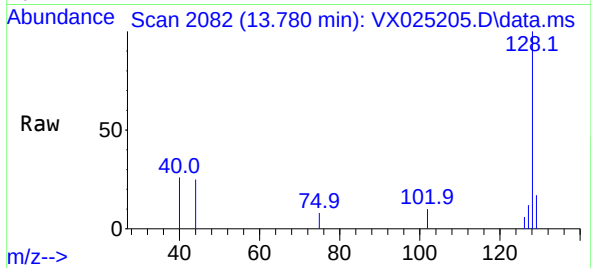
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 59.3  | 30.9  | 92.7  |
| 227     | 47.7  | 31.1  | 93.5  |





#95  
Naphthalene  
Concen: 0.252 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Instrument : MSVOA\_X  
ClientSampleId : MDL-WATER-03-QT4-2021



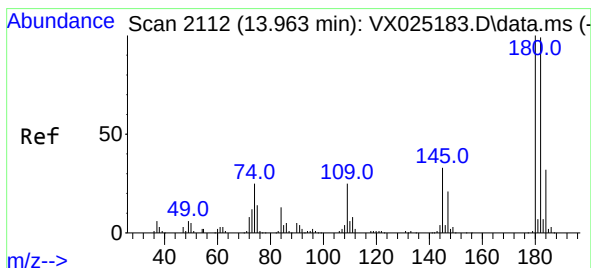
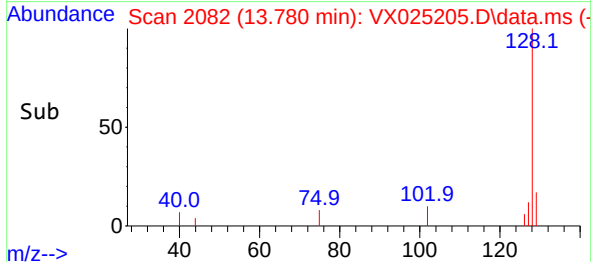
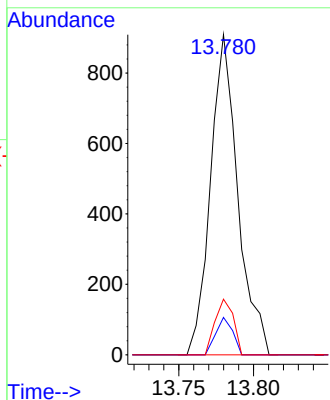
Tgt Ion:128 Resp: 115  
Ion Ratio Lower Upper  
128 100  
127 7.2 10.3 15.5  
129 11.6 8.8 13.2

Manual Integrations  
APPROVED

Reviewed By :John  
Carlone

11/19/2021  
Supervised By :Mahesh  
Dadoda

11/26/2021



#96  
1,2,3-Trichlorobenzene  
Concen: 0.300 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX025205.D  
Acq: 18 Nov 2021 11:37

Tgt Ion:180 Resp: 433  
Ion Ratio Lower Upper  
180 100  
182 96.5 47.4 142.3  
145 35.3 16.8 50.3

