

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\  
 Data File : VN064262.D  
 Acq On : 22 Oct 2020 20:04  
 Operator : JC/MD  
 Sample : L4214-07 .2PPB LOD  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2020

Manual Integrations  
 APPROVED

MMDadoda  
 10/23/2020 3:37:30 PM

Quant Time: Oct 23 02:44:08 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102120W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 23 02:22:49 2020  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-------------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene         | 7.62  | 168  | 267607   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.55  | 114  | 433361   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5          | 11.38 | 117  | 380182   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.32 | 152  | 165233   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds   |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4     | 7.99  | 65   | 205518   | 51.71 | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =     | 103.42% |          |
| 35) Dibromofluoromethane      | 7.55  | 113  | 145900   | 50.64 | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =     | 101.28% |          |
| 50) Toluene-d8                | 10.06 | 98   | 509237   | 48.72 | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =     | 97.44%  |          |
| 62) 4-Bromofluorobenzene      | 12.38 | 95   | 196399   | 46.35 | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =     | 92.70%  |          |
| Target Compounds              |       |      |          |       |         |          |
|                               |       |      |          |       | Qvalue  |          |
| 3) Chloromethane              | 2.04  | 50   | 715      | 0.231 | ug/l    | 90       |
| 4) Vinyl Chloride             | 2.16  | 62   | 789      | 0.257 | ug/l #  | 41       |
| 7) Trichlorofluoromethane     | 2.98  | 101  | 1023     | 0.203 | ug/l    | 100      |
| 14) Allyl chloride            | 4.29  | 41   | 1251m    | 0.249 | ug/l    |          |
| 15) Acrylonitrile             | 4.95  | 53   | 787m     | 0.715 | ug/l    |          |
| 16) Acetone                   | 3.79  | 43   | 2614m    | 2.299 | ug/l    |          |
| 17) Carbon Disulfide          | 4.01  | 76   | 3338m    | 0.467 | ug/l    |          |
| 18) Methyl Acetate            | 4.28  | 43   | 1286m    | 0.444 | ug/l    |          |
| 20) Methylene Chloride        | 4.51  | 84   | 1648m    | 0.544 | ug/l    |          |
| 22) Diisopropyl ether         | 5.90  | 45   | 2240m    | 0.240 | ug/l    |          |
| 23) Vinyl Acetate             | 5.85  | 43   | 6848m    | 0.823 | ug/l    |          |
| 24) 1,1-Dichloroethane        | 5.80  | 63   | 1317m    | 0.244 | ug/l    |          |
| 25) 2-Butanone                | 6.80  | 43   | 2574m    | 1.425 | ug/l    |          |
| 26) 2,2-Dichloropropane       | 6.78  | 77   | 1407m    | 0.261 | ug/l    |          |
| 29) Tetrahydrofuran           | 7.17  | 42   | 1517m    | 1.404 | ug/l    |          |
| 36) 1,1-Dichloropropene       | 7.75  | 75   | 1155     | 0.267 | ug/l #  | 52       |
| 37) Ethyl Acetate             | 6.89  | 43   | 1102m    | 0.281 | ug/l    |          |
| 38) Carbon Tetrachloride      | 7.73  | 117  | 1010     | 0.205 | ug/l #  | 75       |
| 40) Benzene                   | 7.99  | 78   | 2677     | 0.224 | ug/l #  | 80       |
| 41) Methacrylonitrile         | 7.13  | 41   | 658m     | 0.320 | ug/l    |          |
| 42) 1,2-Dichloroethane        | 8.08  | 62   | 1340     | 0.262 | ug/l    | 85       |
| 46) Dibromomethane            | 9.18  | 93   | 619m     | 0.290 | ug/l    |          |
| 47) Bromodichloromethane      | 9.37  | 83   | 949      | 0.201 | ug/l #  | 66       |
| 48) Methyl methacrylate       | 9.17  | 41   | 1075     | 0.281 | ug/l    | 88       |
| 49) 1,4-Dioxane               | 9.16  | 88   | 33       | 0.739 | ug/l #  | 1        |
| 51) 4-Methyl-2-Pentanone      | 9.96  | 43   | 3929     | 1.006 | ug/l    | 97       |
| 52) Toluene                   | 10.13 | 92   | 1754m    | 0.230 | ug/l    |          |
| 53) t-1,3-Dichloropropene     | 10.36 | 75   | 1213     | 0.231 | ug/l #  | 54       |
| 54) cis-1,3-Dichloropropene   | 9.81  | 75   | 1153     | 0.209 | ug/l    | 93       |
| 56) Ethyl methacrylate        | 10.41 | 69   | 904      | 0.203 | ug/l #  | 81       |
| 57) 1,3-Dichloropropane       | 10.68 | 76   | 1039     | 0.208 | ug/l #  | 53       |
| 58) 2-Chloroethyl Vinyl ether | 9.66  | 63   | 4977     | 2.169 | ug/l    | 99       |
| 59) 2-Hexanone                | 10.73 | 43   | 3050     | 1.069 | ug/l    | 69       |
| 60) Dibromochloromethane      | 10.87 | 129  | 789      | 0.211 | ug/l    | 67       |

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 Sample : L4214-07 .2PPB LOD  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2020

Manual Integrations  
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 10/23/2020 3:37:30 PM

Quant Time: Oct 23 02:44:08 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N102120W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 23 02:22:49 2020  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|-------|------|----------|-------|--------|----------|
| -----                         |       |      |          |       |        |          |
| 64) Tetrachloroethene         | 10.60 | 164  | 975      | 0.319 | ug/l # | 65       |
| 65) Chlorobenzene             | 11.41 | 112  | 1892     | 0.240 | ug/l   | 93       |
| 66) 1,1,1,2-Tetrachloroethane | 11.48 | 131  | 625m     | 0.200 | ug/l   |          |
| 67) Ethyl Benzene             | 11.48 | 91   | 3013     | 0.208 | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.60 | 106  | 2329     | 0.435 | ug/l   | 94       |
| 70) Styrene                   | 11.93 | 104  | 1756     | 0.202 | ug/l # | 79       |
| 73) Isopropylbenzene          | 12.22 | 105  | 3050     | 0.242 | ug/l   | 98       |
| 74) N-amyl acetate            | 12.05 | 43   | 1148     | 0.211 | ug/l # | 60       |
| 75) 1,1,2,2-Tetrachloroethane | 12.48 | 83   | 963      | 0.288 | ug/l # | 47       |
| 76) 1,2,3-Trichloropropane    | 12.53 | 75   | 810m     | 0.233 | ug/l   |          |
| 78) n-propylbenzene           | 12.57 | 91   | 3763     | 0.265 | ug/l   | 89       |
| 79) 2-Chlorotoluene           | 12.65 | 91   | 1964     | 0.225 | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 12.70 | 105  | 2630m    | 0.247 | ug/l   |          |
| 82) 4-Chlorotoluene           | 12.75 | 91   | 2598     | 0.285 | ug/l   | 85       |
| 83) tert-Butylbenzene         | 12.96 | 119  | 2075     | 0.238 | ug/l # | 90       |
| 84) 1,2,4-Trimethylbenzene    | 13.01 | 105  | 2761     | 0.260 | ug/l   | 87       |
| 85) sec-Butylbenzene          | 13.14 | 105  | 2890     | 0.262 | ug/l   | 85       |
| 86) p-Isopropyltoluene        | 13.27 | 119  | 3057     | 0.305 | ug/l   | 86       |
| 87) 1,3-Dichlorobenzene       | 13.26 | 146  | 1624     | 0.307 | ug/l   | 84       |
| 88) 1,4-Dichlorobenzene       | 13.34 | 146  | 2161m    | 0.399 | ug/l   |          |
| 89) n-Butylbenzene            | 13.59 | 91   | 3040     | 0.338 | ug/l   | 99       |
| 90) Hexachloroethane          | 13.84 | 117  | 561      | 0.309 | ug/l # | 31       |
| 91) 1,2-Dichlorobenzene       | 13.63 | 146  | 1564     | 0.301 | ug/l   | 85       |
| 93) 1,2,4-Trichlorobenzene    | 14.88 | 180  | 1428     | 0.490 | ug/l   | 69       |
| 94) Hexachlorobutadiene       | 14.98 | 225  | 1425     | 0.907 | ug/l   | 91       |
| 95) Naphthalene               | 15.11 | 128  | 5181     | 0.594 | ug/l # | 89       |
| 96) 1,2,3-Trichlorobenzene    | 15.28 | 180  | 1634     | 0.566 | ug/l   | 77       |
| -----                         |       |      |          |       |        |          |

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

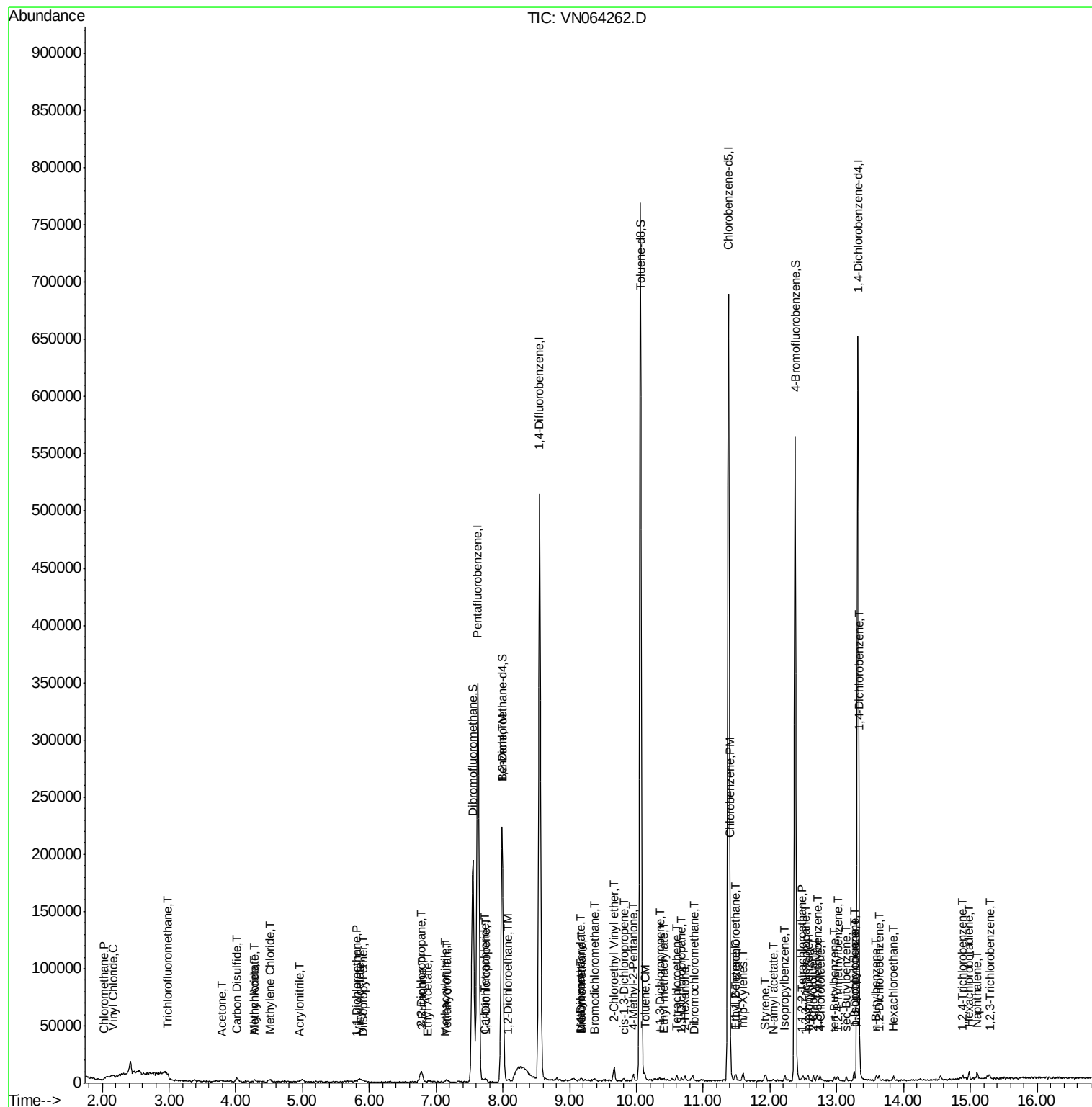
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102220\  
 Data File : VN064262.D  
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 Operator : JC/MD  
 Sample : L4214-07 .2PPB LOD  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

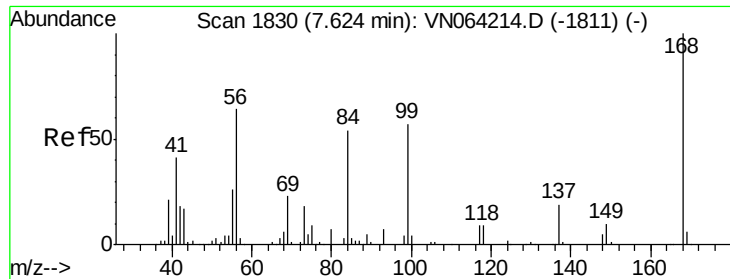
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2020

Manual Integrations  
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 Quant Title : SW846 8260  
 QLast Update : Fri Oct 23 02:22:49 2020  
 Response via : Initial Calibration





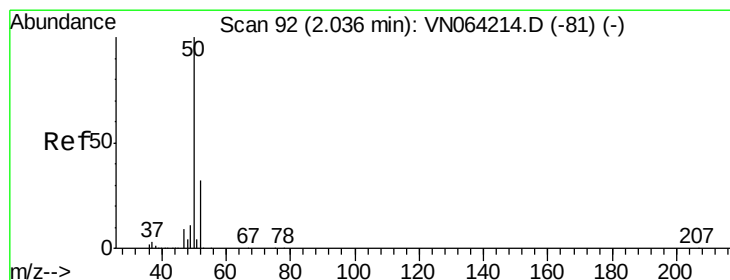
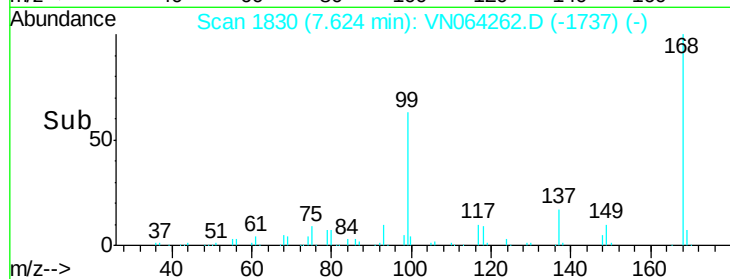
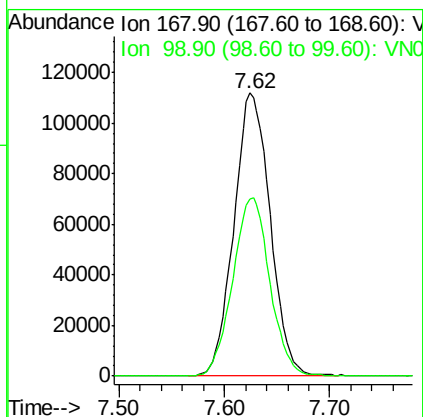
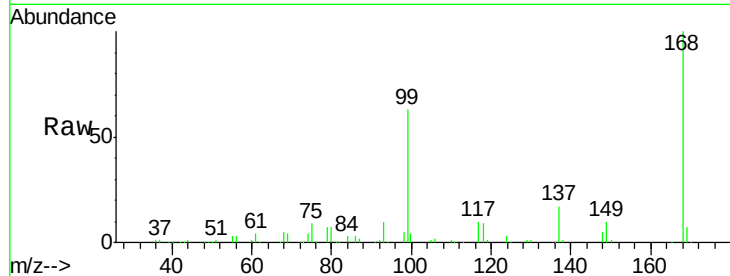
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.62 min Scan# 1830  
Delta R.T. 0.00 min  
Lab File: VN064262.D  
Acq: 22 Oct 2020 20:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 267607 |       |       |
| 99      | 62.5  | 54.0   | 81.0  |       |

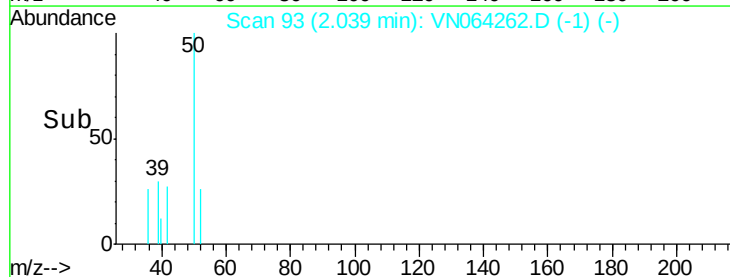
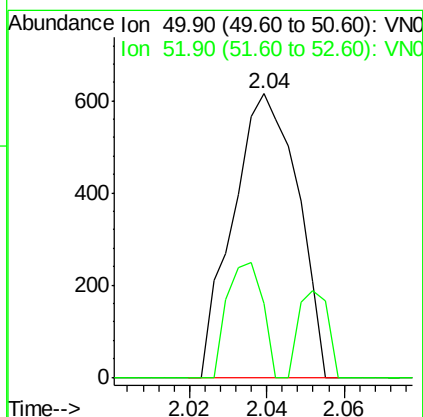
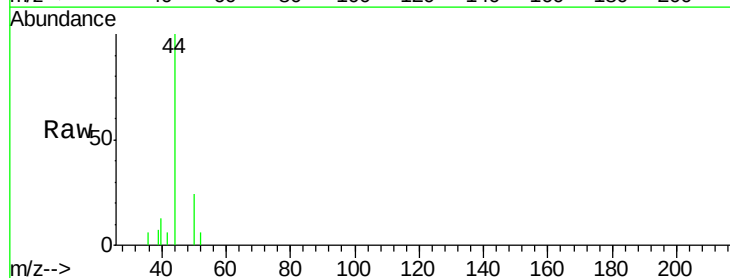
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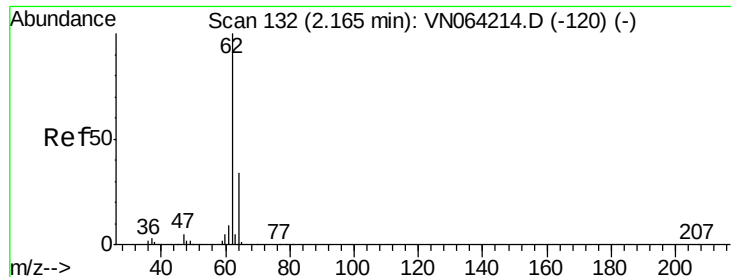
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#3  
Chloromethane  
Concen: 0.231 ug/l  
RT: 2.04 min Scan# 93  
Delta R.T. 0.00 min  
Lab File: VN064262.D  
Acq: 22 Oct 2020 20:04

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 50      | 100   | 715  |       |       |
| 52      | 26.0  | 25.3 | 37.9  |       |





#4

Vinyl Chloride

Concen: 0.257 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

Instrument :

MSVOA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 62 Resp: 789

Ion Ratio Lower Upper

62 100

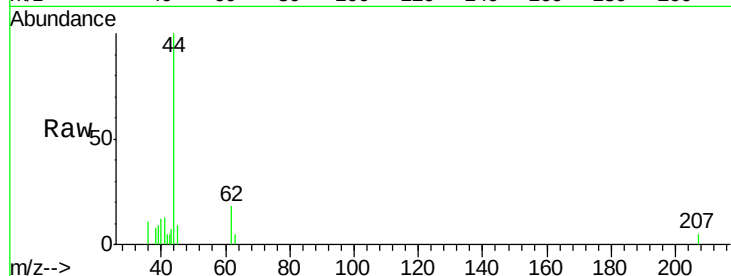
64 0.0 26.8 40.2#

Manual Integrations

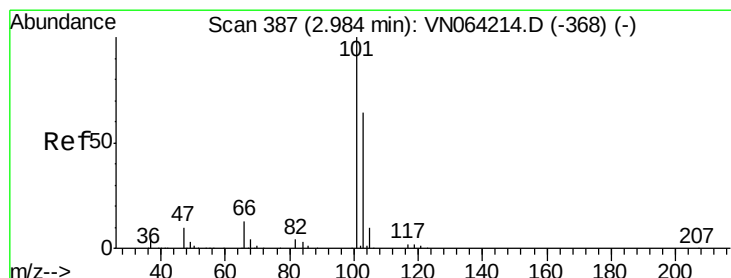
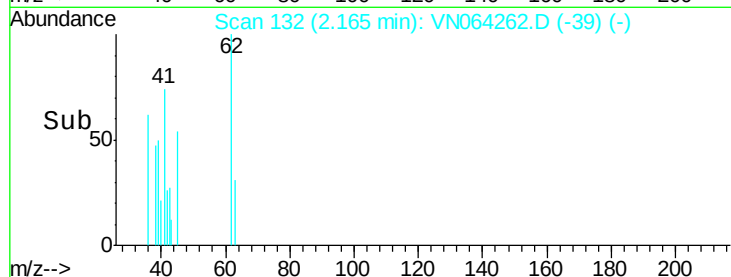
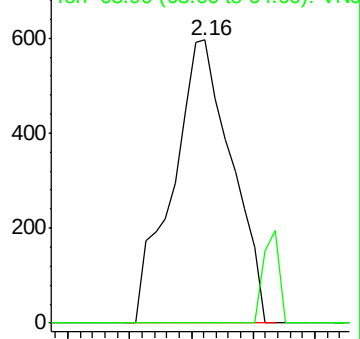
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Abundance Ion 61.90 (61.60 to 62.60): VN064262.D (-39) (-)



#7

Trichlorofluoromethane

Concen: 0.203 ug/l

RT: 2.98 min Scan# 387

Delta R.T. 0.00 min

Lab File: VN064262.D

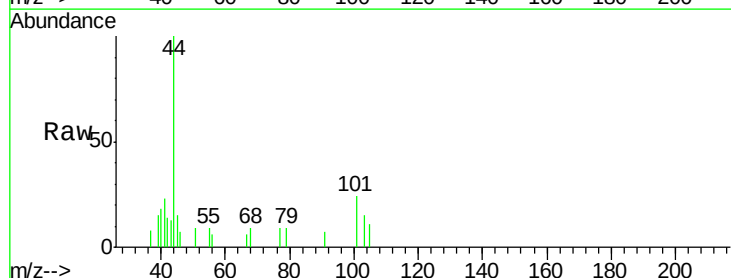
Acq: 22 Oct 2020 20:04

Tgt Ion: 101 Resp: 1023

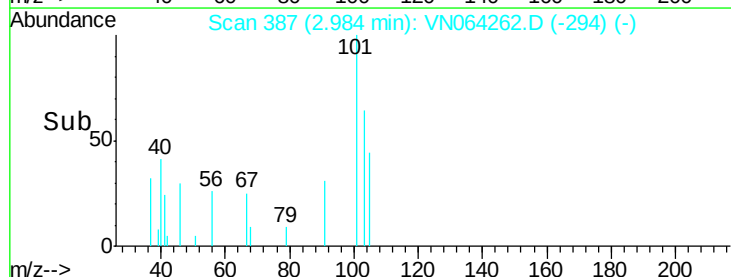
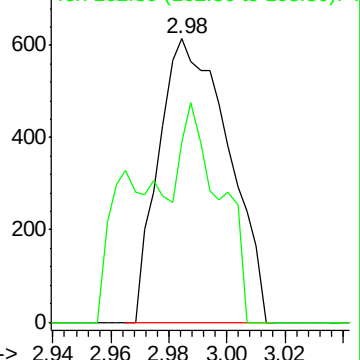
Ion Ratio Lower Upper

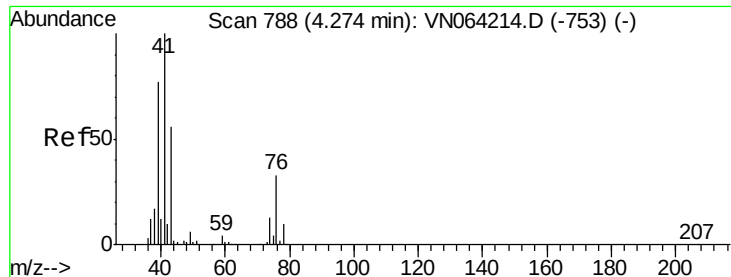
101 100

103 63.5 51.0 76.6



Abundance Ion 100.90 (100.60 to 101.60): VN064262.D (-294) (-)





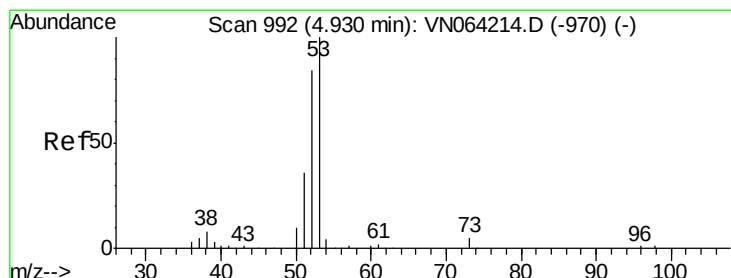
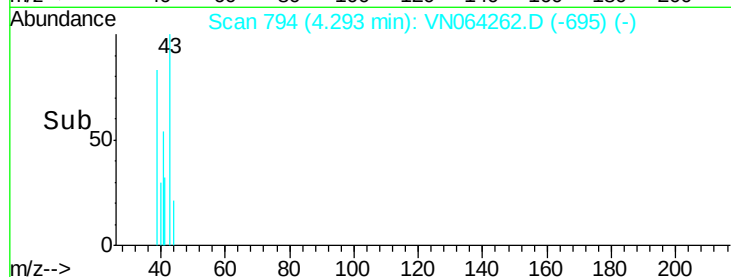
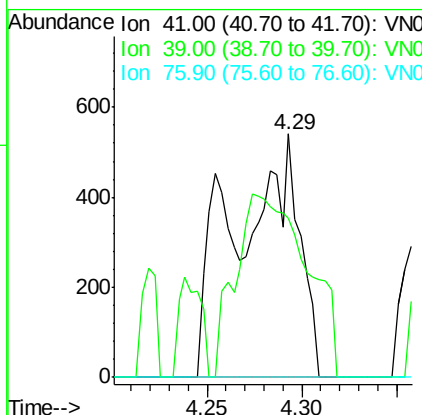
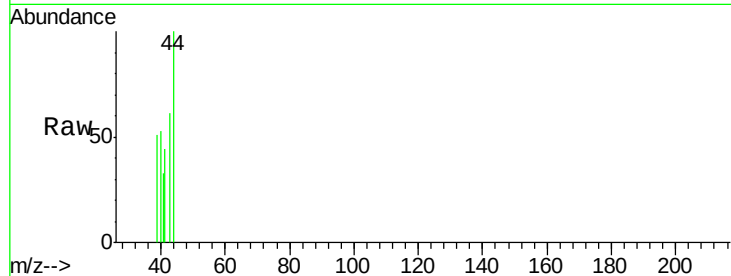
#14  
Allvl chloride  
Concen: 0.249 ug/l m  
RT: 4.29 min Scan# 794  
Delta R.T. 0.02 min  
Lab File: VN064262.D  
Acq: 22 Oct 2020 20:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 41    | Resp: | 1251  |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 84.9  | 58.6  | 88.0  |
| 76        | 0.0   | 24.5  | 36.7# |

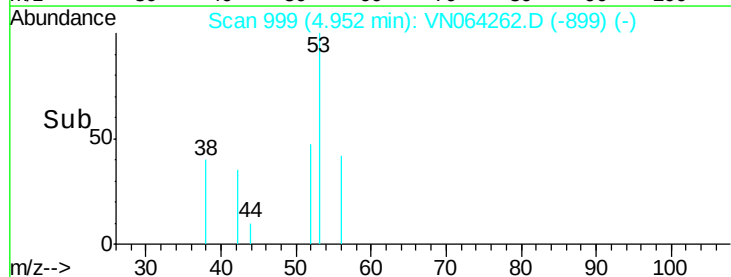
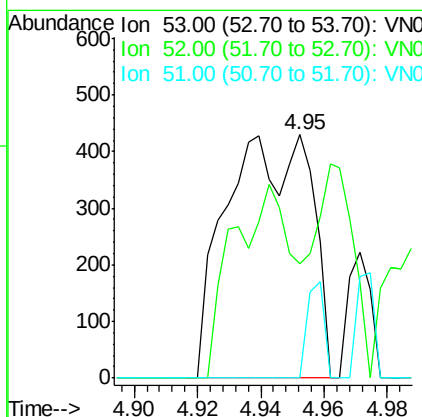
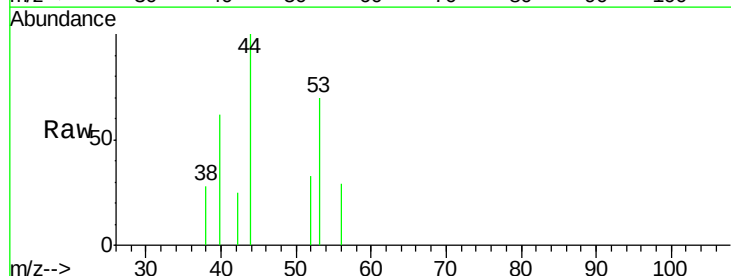
Manual Integrations  
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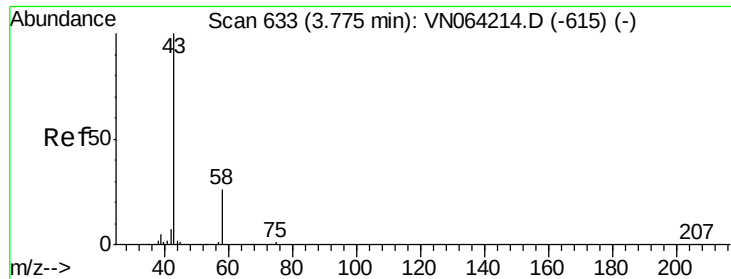
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#15  
Acrylonitrile  
Concen: 0.715 ug/l m  
RT: 4.95 min Scan# 999  
Delta R.T. 0.02 min  
Lab File: VN064262.D  
Acq: 22 Oct 2020 20:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 53    | Resp: | 787    |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 55.5  | 66.8  | 100.2# |
| 51        | 0.0   | 30.7  | 46.1#  |





#16

Acetone

Concen: 2.299 ug/l m

RT: 3.79 min Scan# 638

Delta R.T. 0.02 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

Instrument :

MSVOA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 43 Resp: 2614

Ion Ratio Lower Upper

43 100

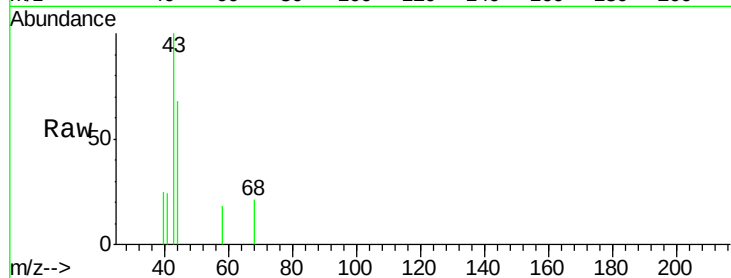
58 18.0 21.0 31.4#

Manual Integrations

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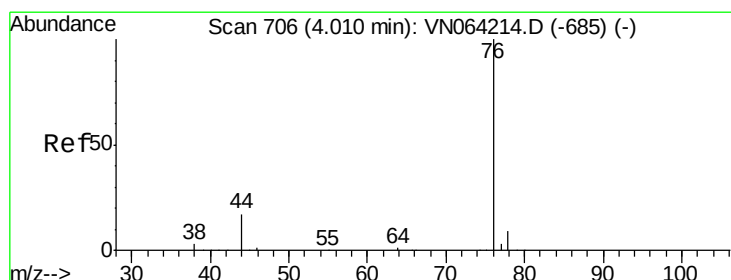
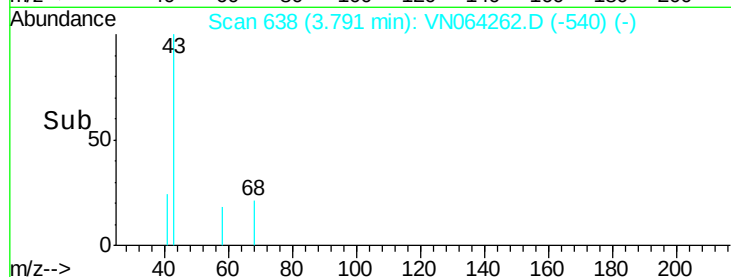
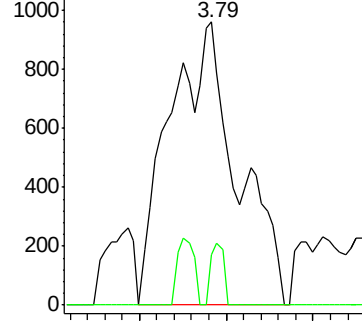
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.467 ug/l m

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064262.D

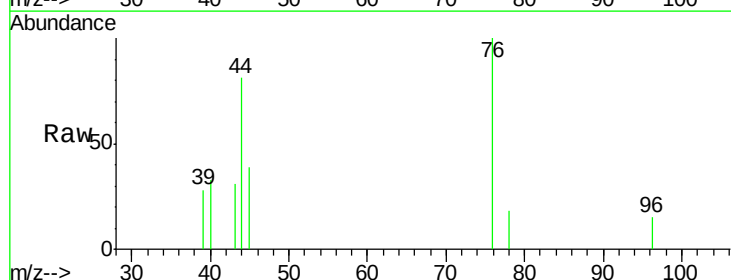
Acq: 22 Oct 2020 20:04

Tgt Ion: 76 Resp: 3338

Ion Ratio Lower Upper

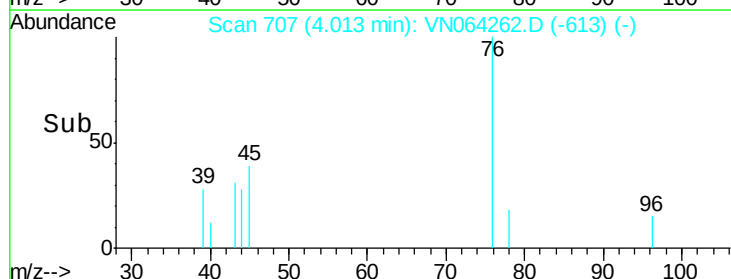
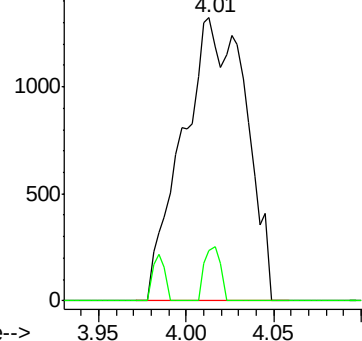
76 100

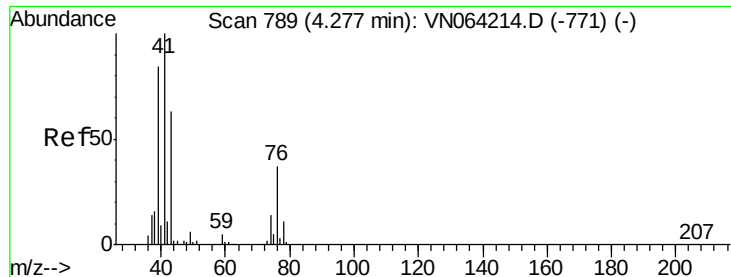
78 17.9 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





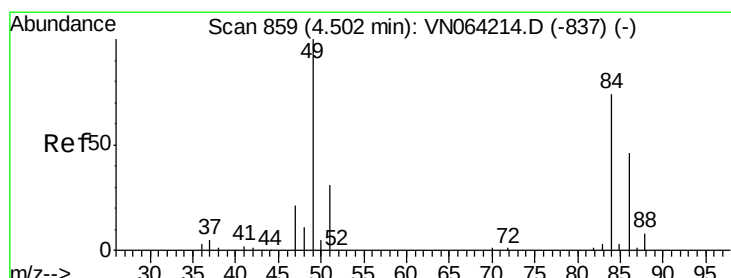
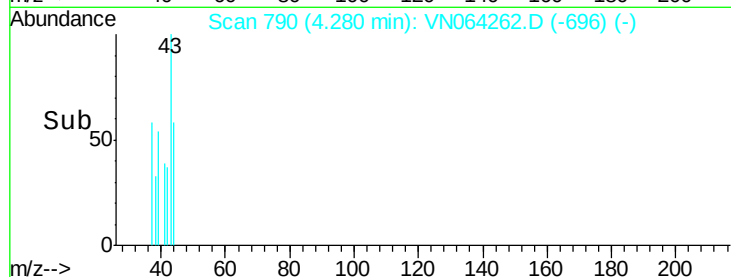
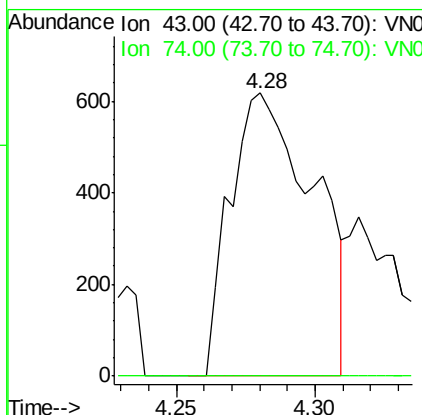
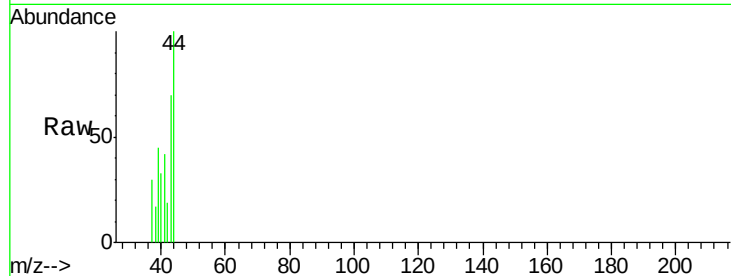
#18  
Methyl Acetate  
Concen: 0.444 ug/l m  
RT: 4.28 min Scan# 790  
Delta R.T. 0.00 min  
Lab File: VN064262.D  
Acq: 22 Oct 2020 20:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 43 Resp: 1286  
Ion Ratio Lower Upper  
43 100  
74 0.0 17.9 26.9#

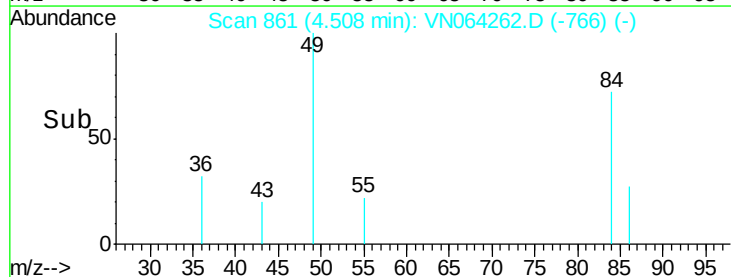
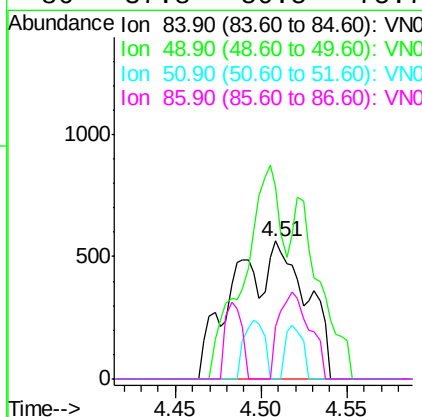
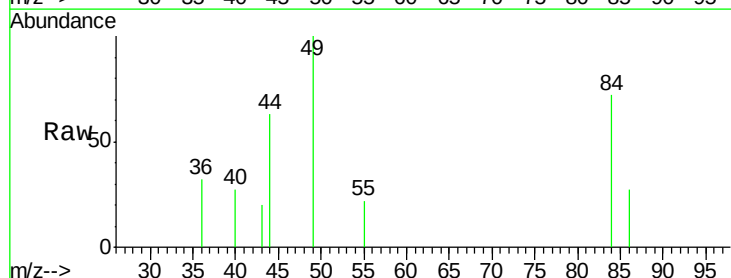
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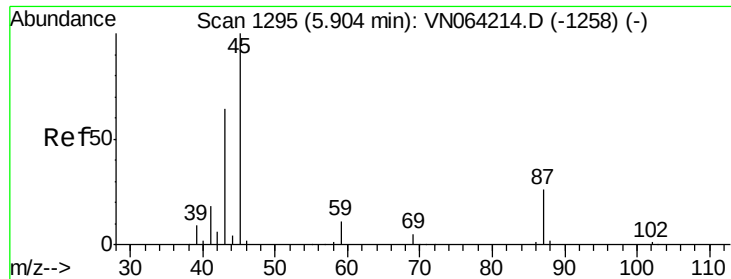


#20  
Methylene Chloride  
Concen: 0.544 ug/l m  
RT: 4.51 min Scan# 861  
Delta R.T. 0.01 min  
Lab File: VN064262.D  
Acq: 22 Oct 2020 20:04

Tgt Ion: 84 Resp: 1648  
Ion Ratio Lower Upper  
84 100  
49 139.0 108.5 162.7  
51 0.0 33.8 50.8#  
86 37.8 50.5 75.7#







#22

Diisopropyl ether

Concen: 0.240 ug/l m

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

Instrument :

MSVOA\_N

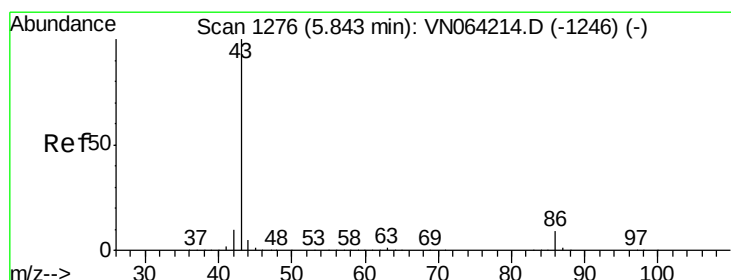
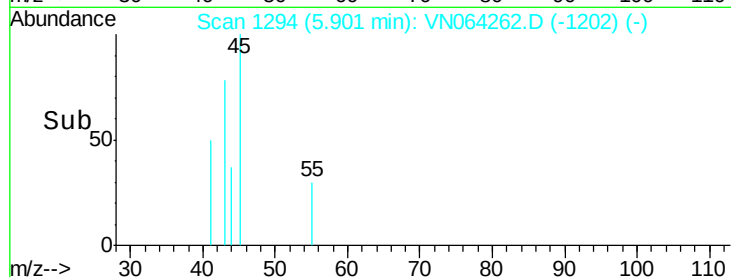
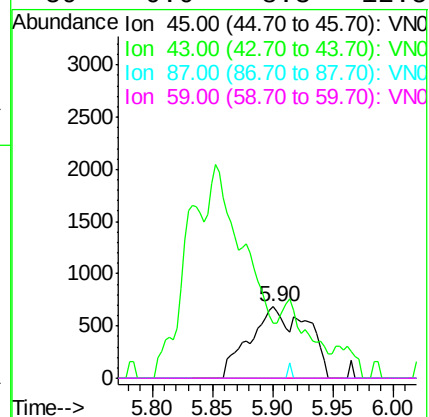
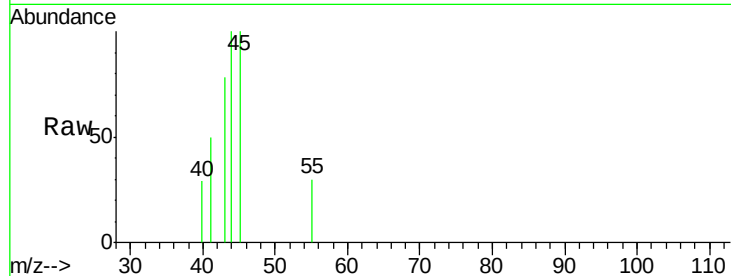
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 45    | Resp: | 2240  |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 77.5  | 52.2  | 78.4  |
| 87       | 0.0   | 21.4  | 32.0# |
| 59       | 0.0   | 8.3   | 12.5# |

Manual Integrations  
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#23

Vinyl Acetate

Concen: 0.823 ug/l m

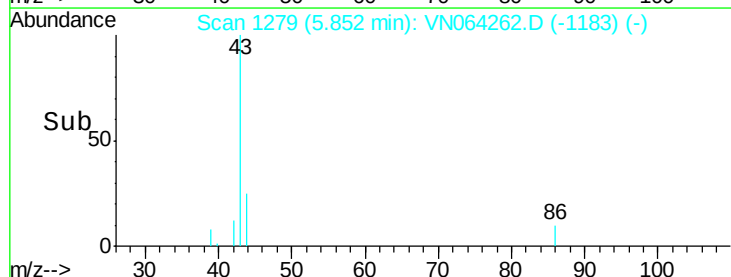
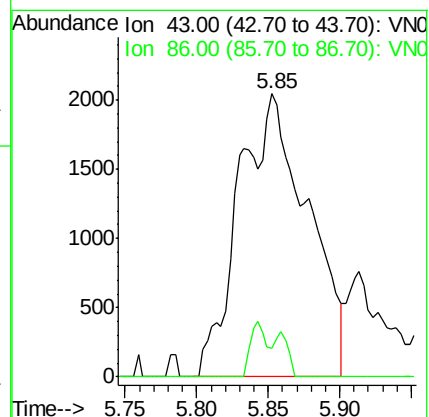
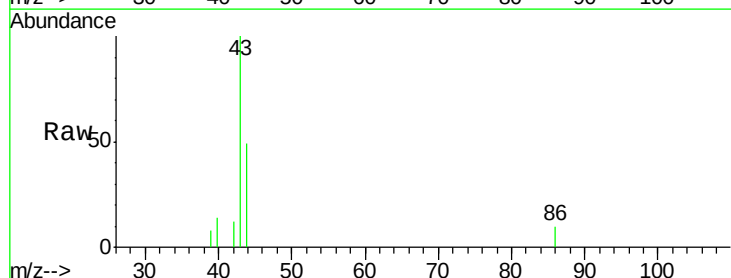
RT: 5.85 min Scan# 1279

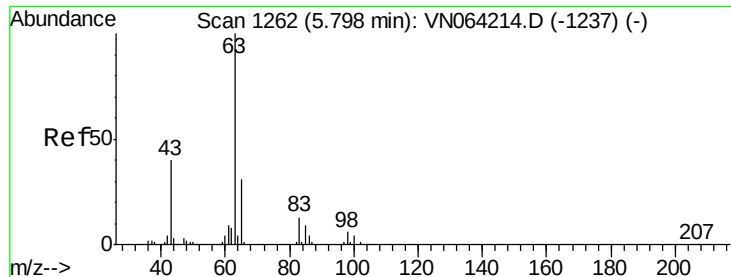
Delta R.T. 0.01 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 6848  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 86       | 10.2  | 7.4   | 11.0  |





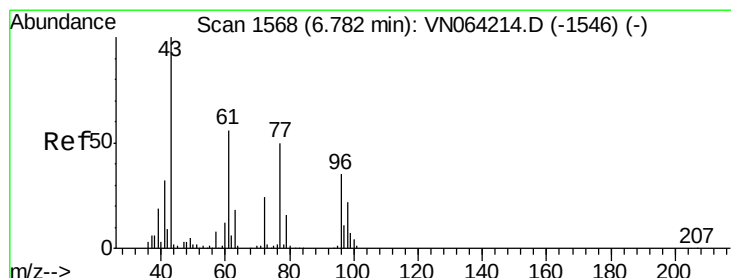
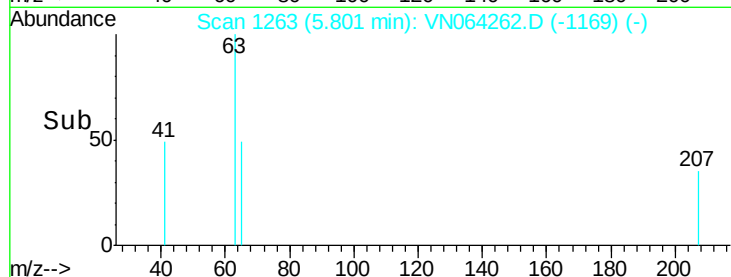
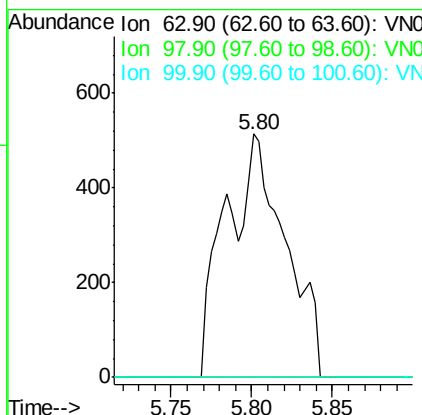
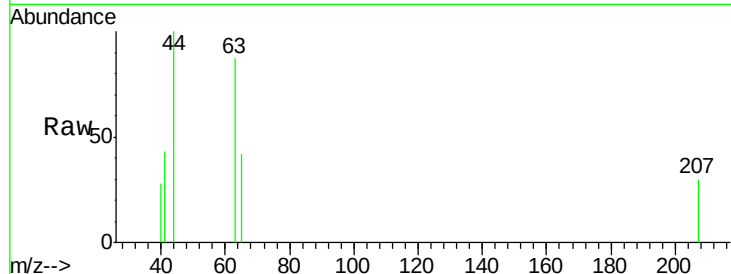
#24  
 1,1-Dichloroethane  
 Concen: 0.244 ug/l m  
 RT: 5.80 min Scan# 1263  
 Delta R.T. 0.00 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2020

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 63      | 100   | 1317 |       |       |
| 98      | 0.0   | 2.9  | 8.7#  |       |
| 100     | 0.0   | 2.0  | 6.0#  |       |

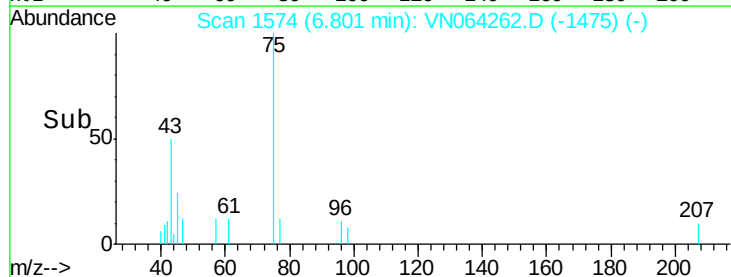
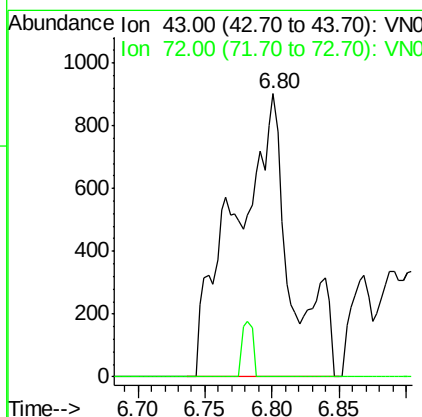
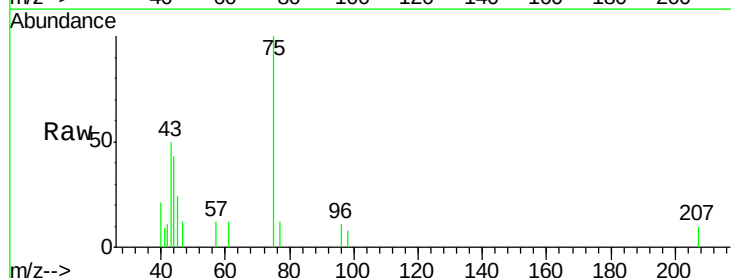
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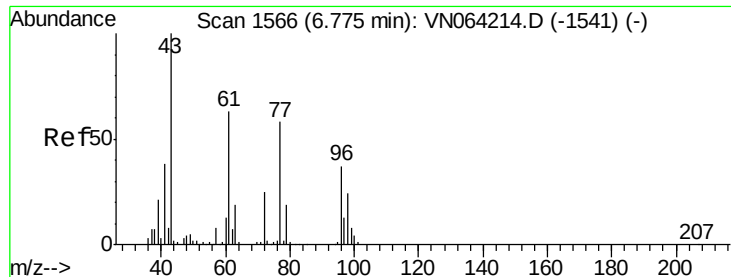
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#25  
 2-Butanone  
 Concen: 1.425 ug/l m  
 RT: 6.80 min Scan# 1574  
 Delta R.T. 0.02 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 43      | 100   | 2574 |       |       |
| 72      | 0.0   | 19.4 | 29.0# |       |





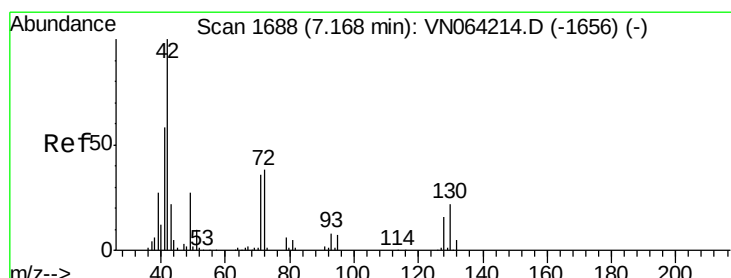
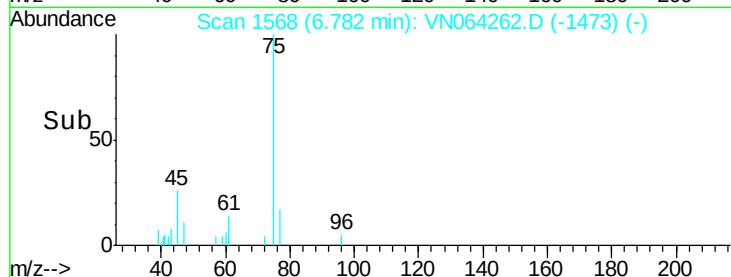
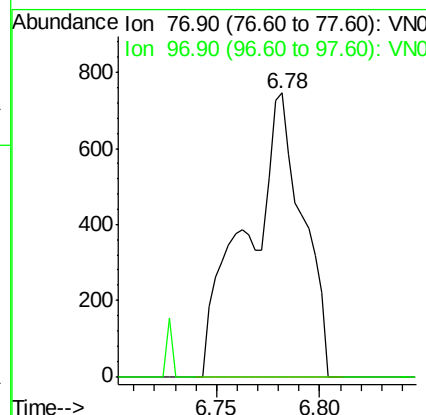
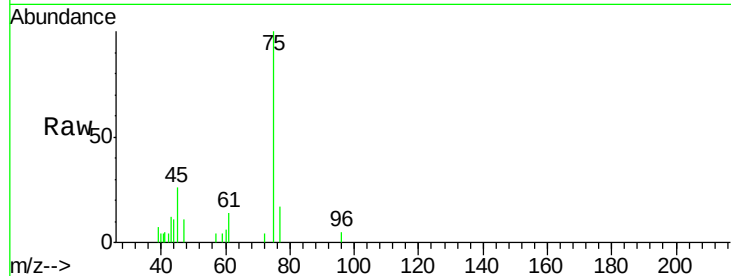
#26  
 2,2-Dichloropropane  
 Concen: 0.261 ug/l m  
 RT: 6.78 min Scan# 1568  
 Delta R.T. 0.01 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2020

Tot Ion: 77 Resp: 1407  
 Ion Ratio Lower Upper  
 77 100  
 97 0.0 10.4 31.4#

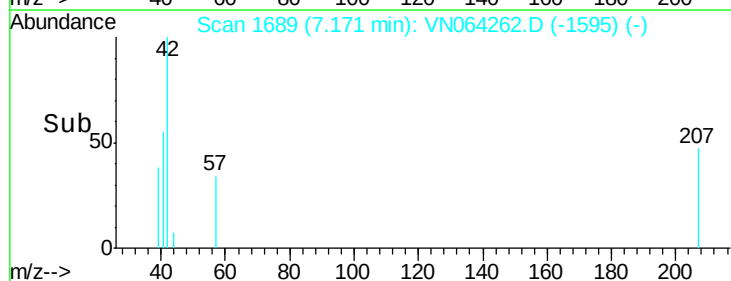
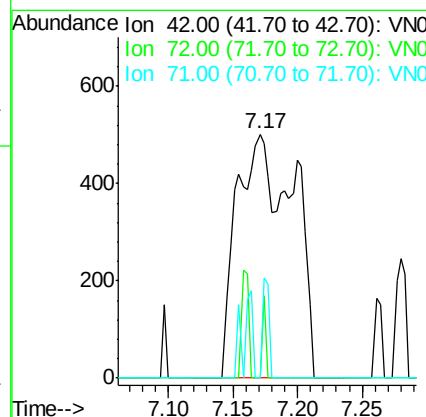
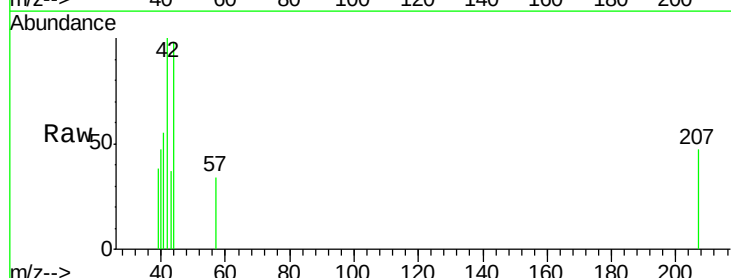
Manual Integrations  
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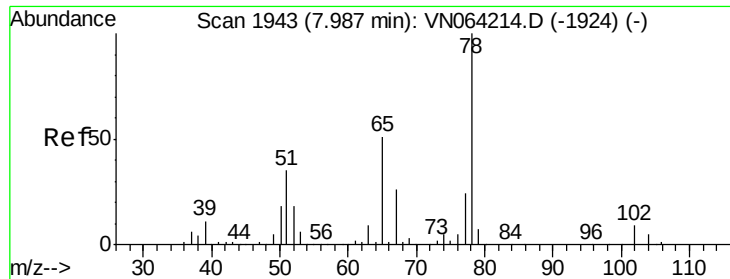
MMDadoda  
 10/23/2020 3:37:30 PM



#29  
 Tetrahydrofuran  
 Concen: 1.404 ug/l m  
 RT: 7.17 min Scan# 1689  
 Delta R.T. 0.00 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

Tgt Ion: 42 Resp: 1517  
 Ion Ratio Lower Upper  
 42 100  
 72 5.5 30.8 46.2#  
 71 6.3 29.0 43.6#





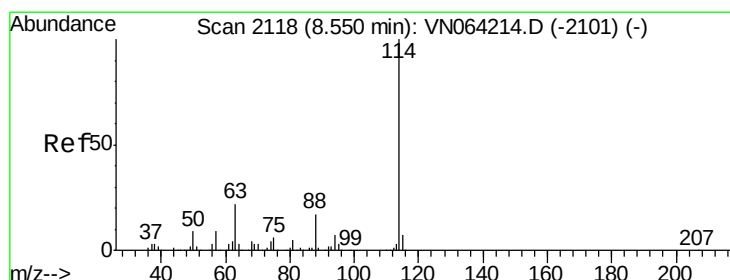
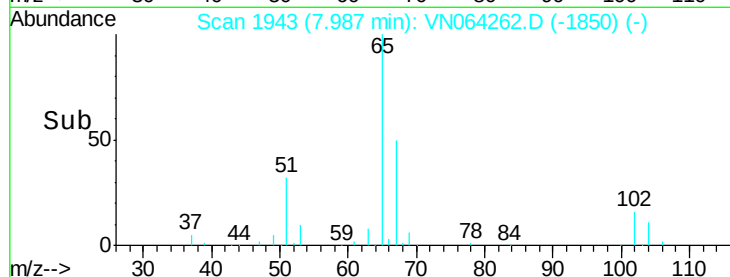
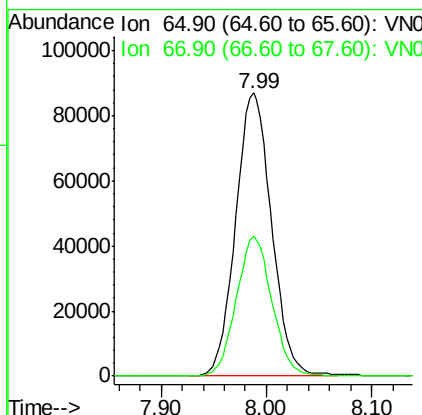
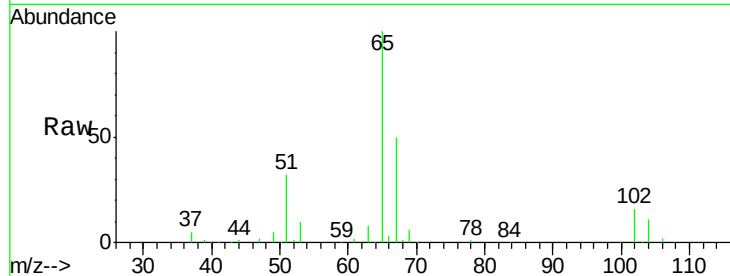
#33  
 1,2-Dichloroethane-d4  
 Concen: 51.714 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 205518 |       |       |
| 67      | 48.9  | 0.0    | 100.2 |       |

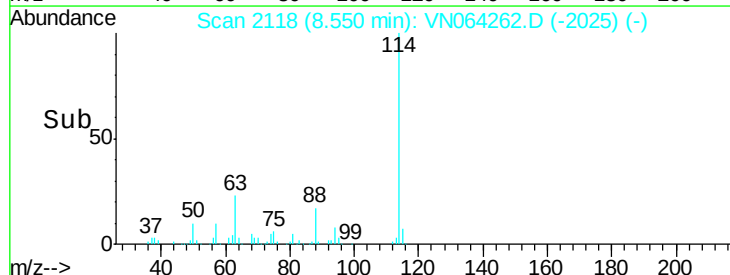
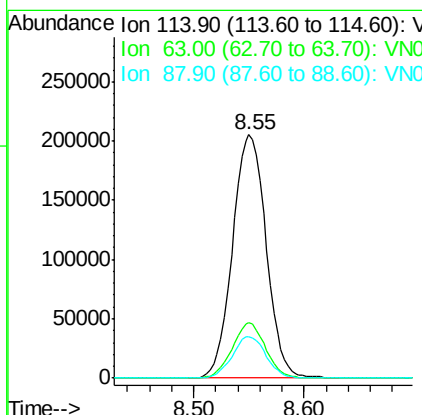
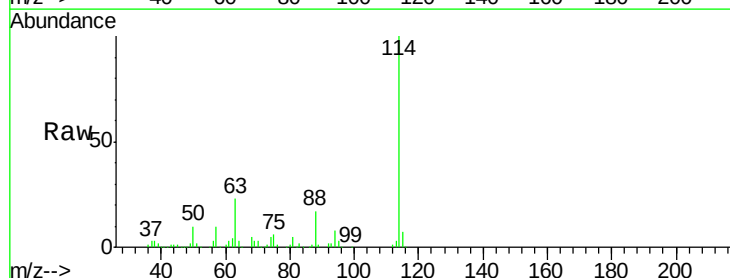
Manual Integrations  
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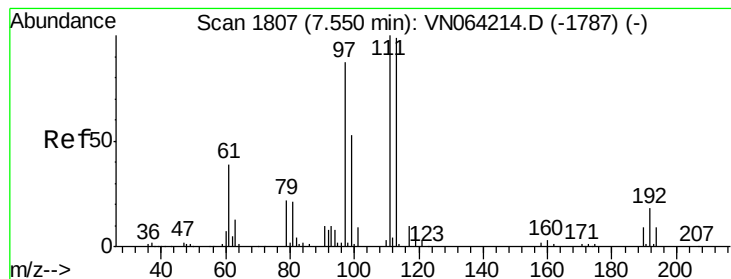
MMDadoda  
 10/23/2020 3:37:30 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 433361 |       |       |
| 63      | 23.0  | 0.0    | 44.0  |       |
| 88      | 16.9  | 0.0    | 34.2  |       |





#35

Dibromofluoromethane

Concen: 50.639 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

Instrument :

MSVOA\_N

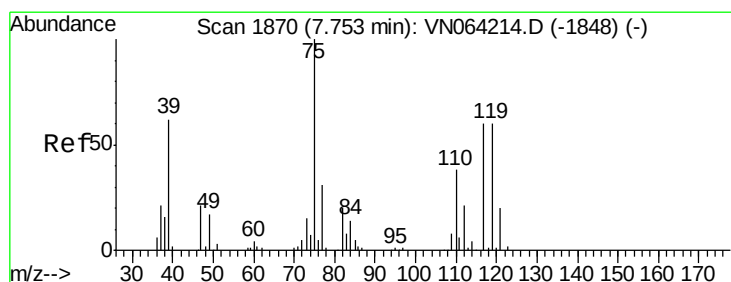
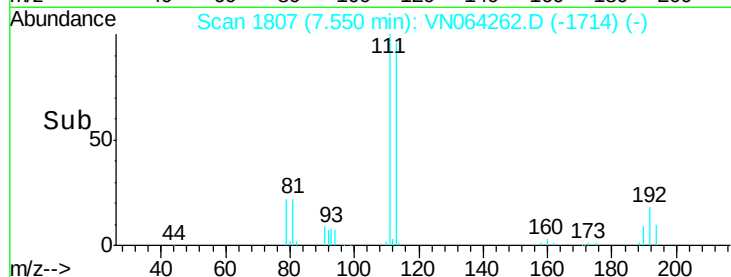
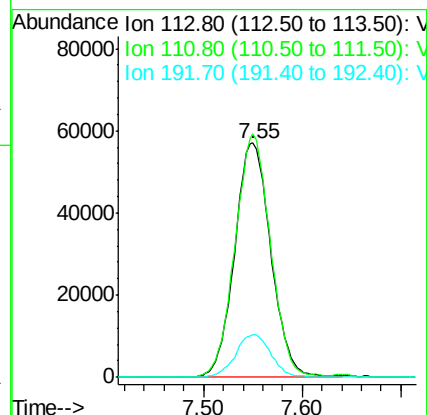
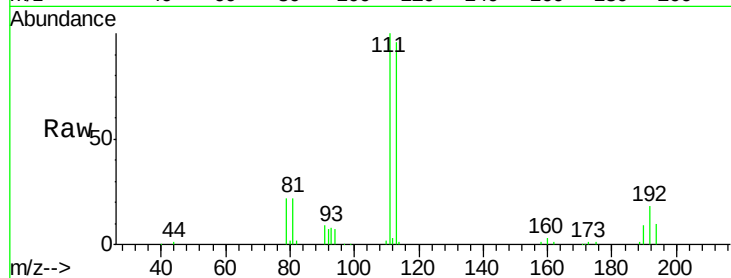
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 145900 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.4 | 84.2  | 126.2  |
| 192       | 17.8  | 15.2  | 22.8   |

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#36

1,1-Dichloropropene

Concen: 0.267 ug/l

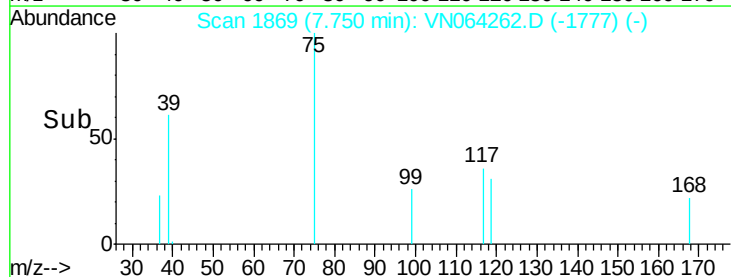
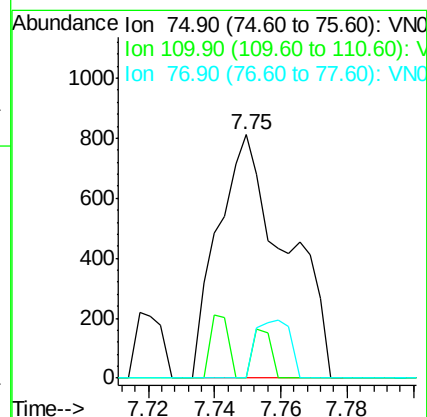
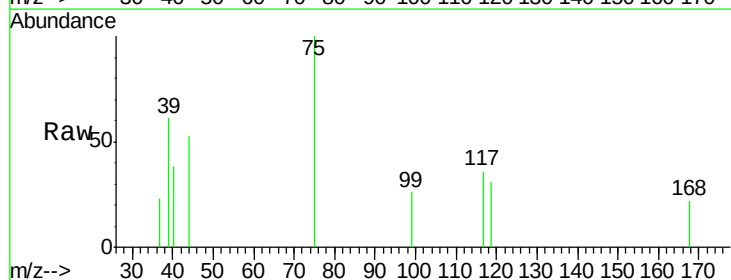
RT: 7.75 min Scan# 1869

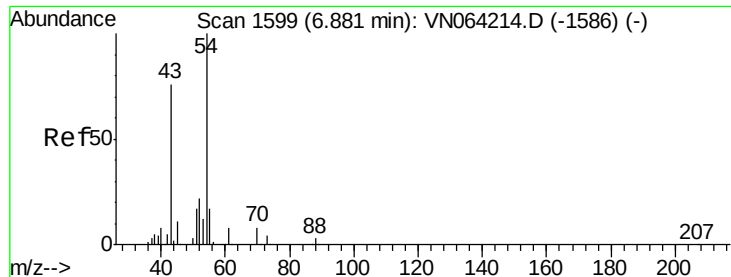
Delta R.T. -0.00 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 1155  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 0.0   | 17.2  | 51.6# |
| 77        | 12.0  | 24.9  | 37.3# |





#37

Ethyl Acetate

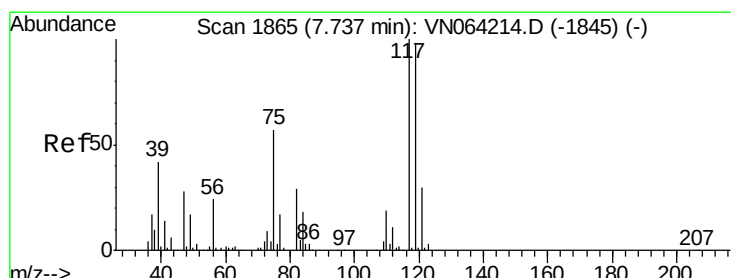
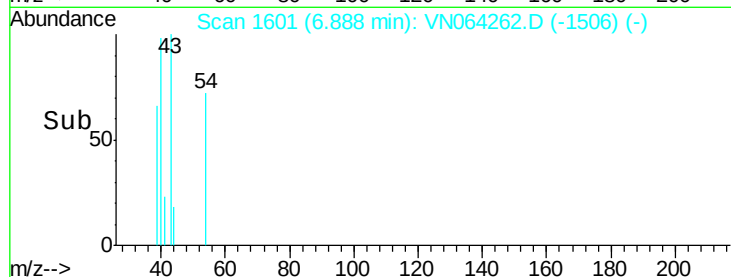
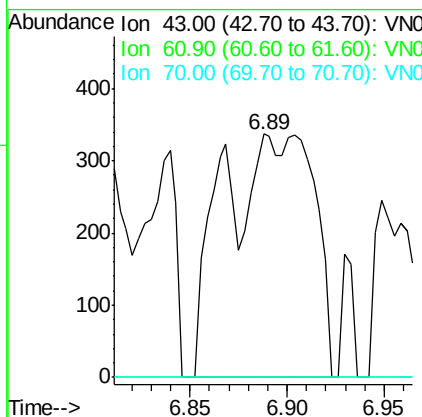
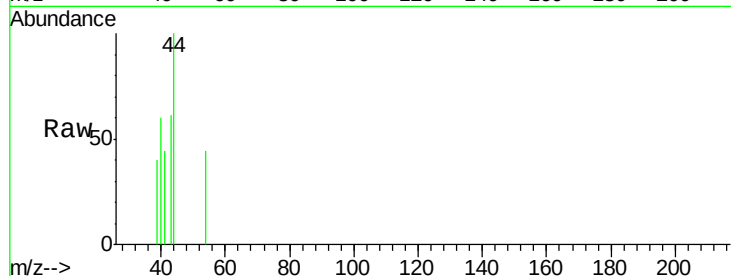
Concen: 0.281 ug/l m  
RT: 6.89 min Scan# 1601  
Delta R.T. 0.01 min  
Lab File: VN064262.D  
Acq: 22 Oct 2020 20:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

| Tot Ion | 43  | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 43      | 100 |       |       |       |
| 61      | 0.0 | 10.0  | 15.0# |       |
| 70      | 0.0 | 7.5   | 11.3# |       |

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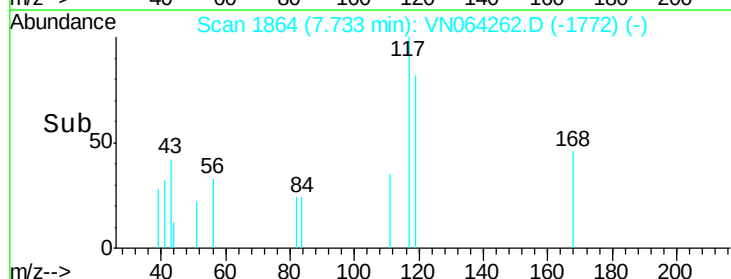
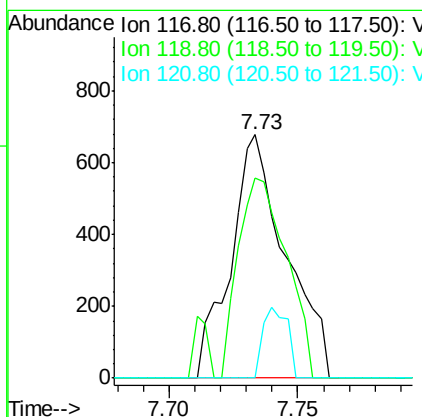
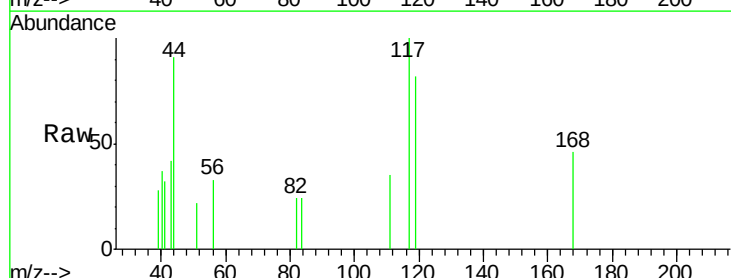


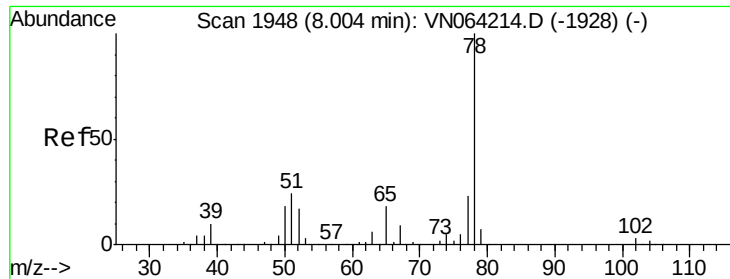
#38

Carbon Tetrachloride

Concen: 0.205 ug/l  
RT: 7.73 min Scan# 1864  
Delta R.T. -0.00 min  
Lab File: VN064262.D  
Acq: 22 Oct 2020 20:04

| Tgt Ion | 117  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 117     | 100  |       |       |       |
| 119     | 82.4 | 78.5  | 117.7 |       |
| 121     | 0.0  | 24.3  | 36.5# |       |





#40

Benzene

Concen: 0.224 ug/l

RT: 7.99 min Scan# 1945

Delta R.T. -0.01 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

Instrument :

MSVOA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 78 Resp: 2677

Ion Ratio Lower Upper

78 100

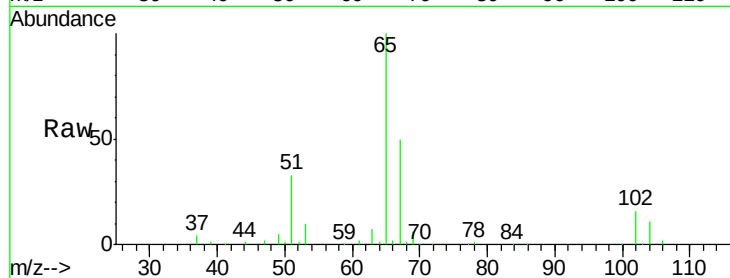
77 32.6 18.3 27.5#

Manual Integrations

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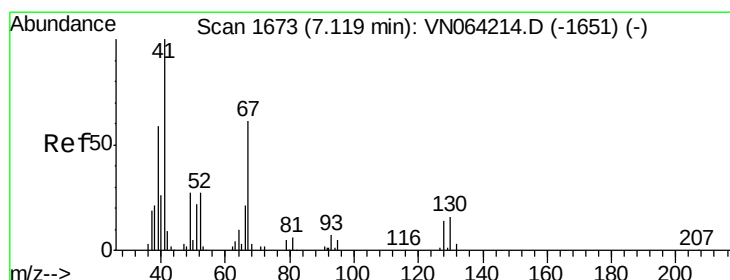
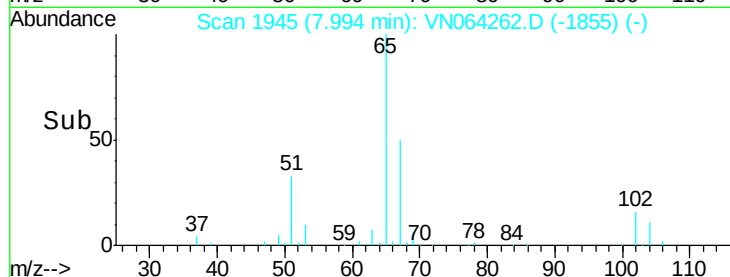
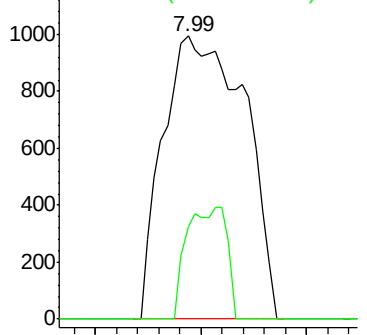
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Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#41

Methacrylonitrile

Concen: 0.320 ug/l m

RT: 7.13 min Scan# 1676

Delta R.T. 0.01 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

Tgt Ion: 41 Resp: 658

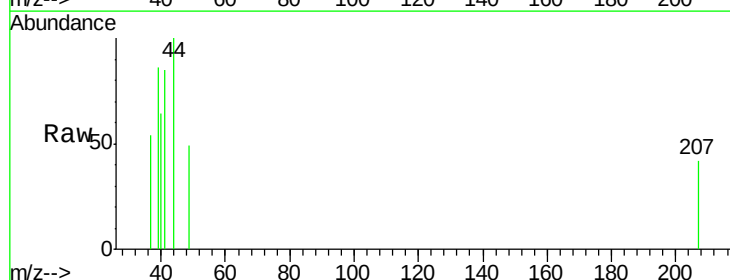
Ion Ratio Lower Upper

41 100

39 69.8 50.5 75.7

67 16.1 63.2 94.8#

52 4.9 29.3 43.9#

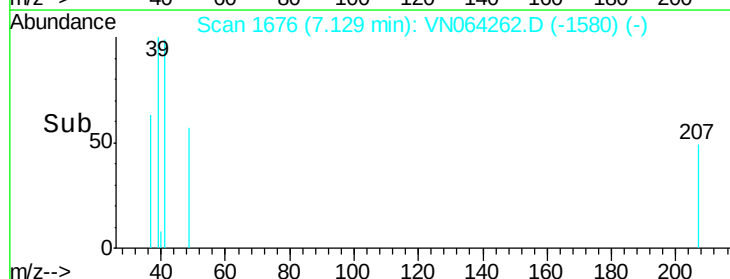
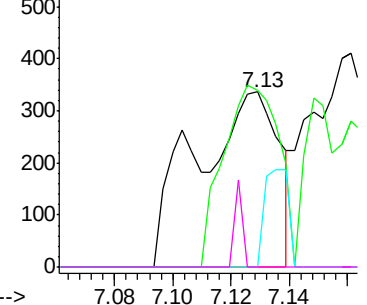


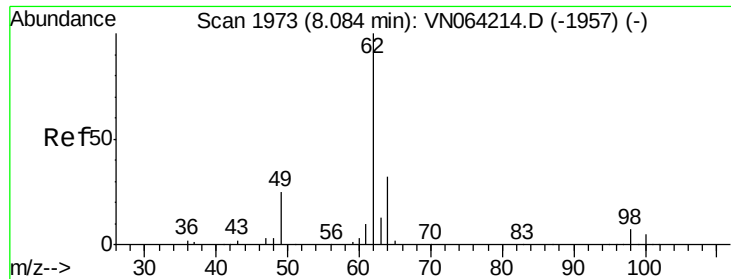
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0





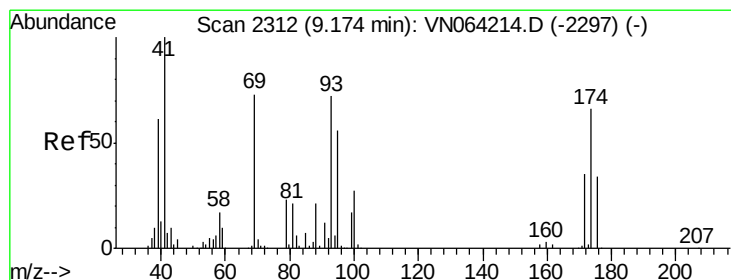
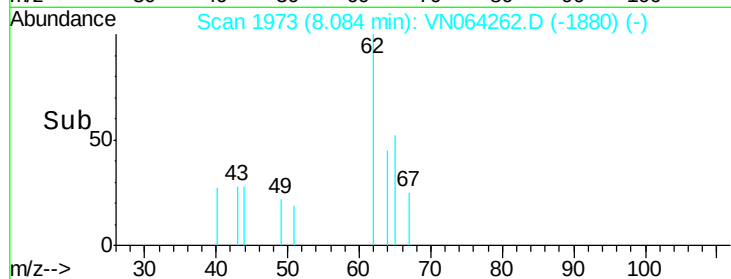
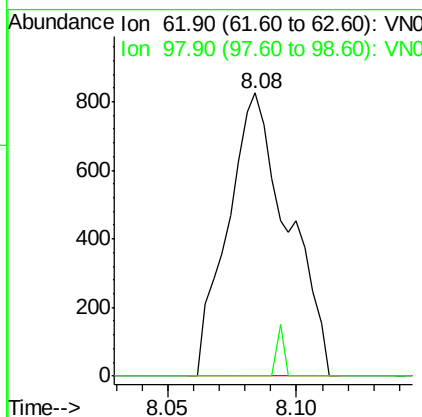
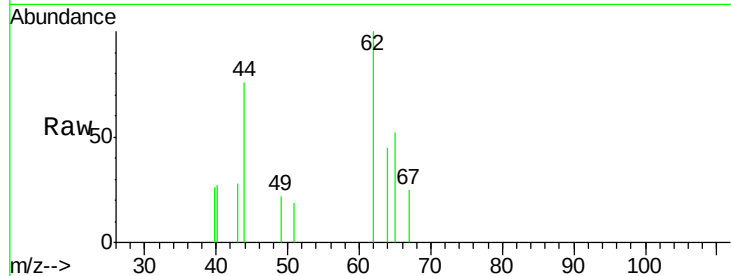
#42  
 1,2-Dichloroethane  
 Concen: 0.262 ug/l  
 RT: 8.08 min Scan# 1973  
 Delta R.T. 0.00 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2020

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 62      | 100   | 1340 |       |       |
| 98      | 2.2   | 0.0  | 15.0  |       |

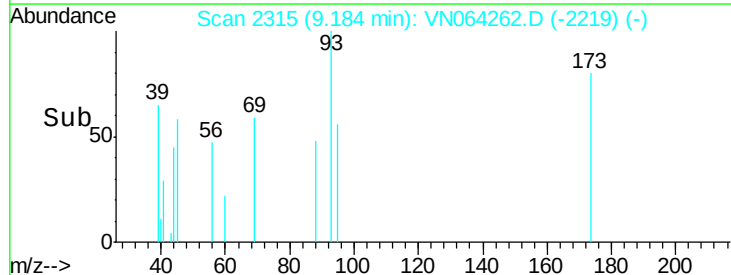
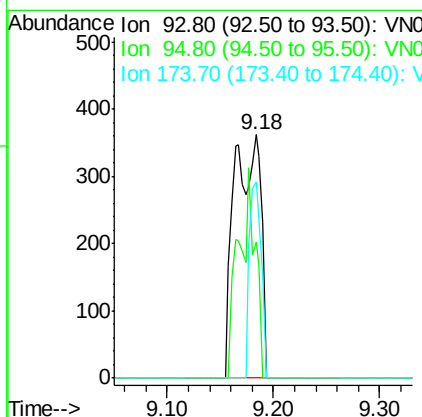
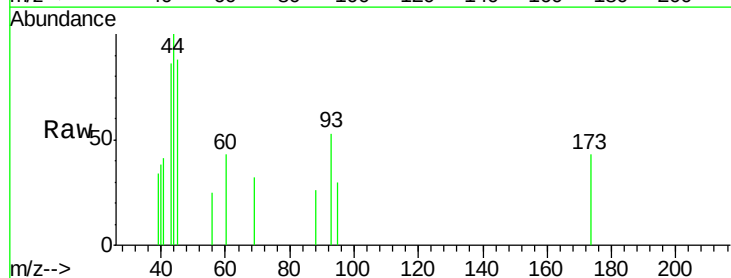
Manual Integrations  
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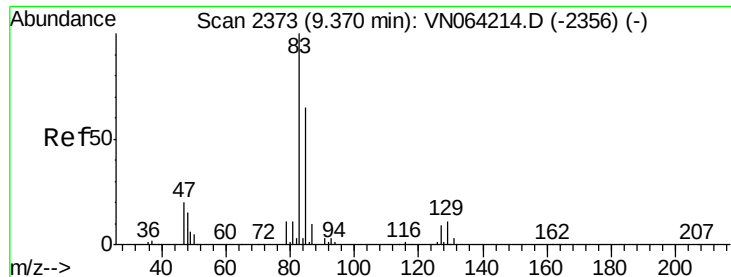


#46  
 Dibromomethane  
 Concen: 0.290 ug/l m  
 RT: 9.18 min Scan# 2315  
 Delta R.T. 0.01 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 93      | 100   | 619  |        |       |
| 95      | 0.0   | 63.0 | 94.4#  |       |
| 174     | 0.0   | 72.9 | 109.3# |       |







#47

Bromodichloromethane

Concen: 0.201 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

Instrument :

MSVOA\_N

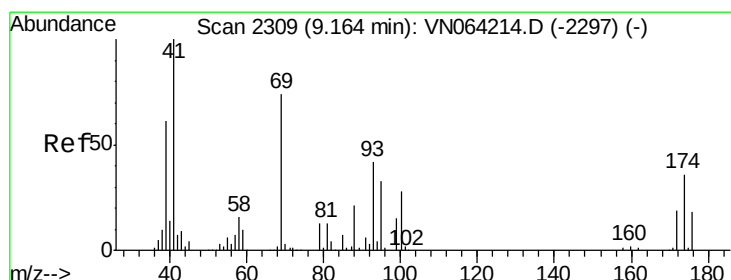
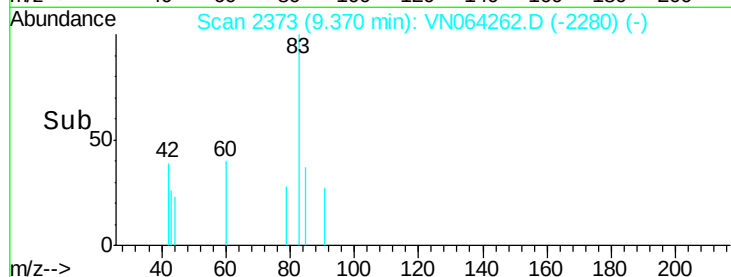
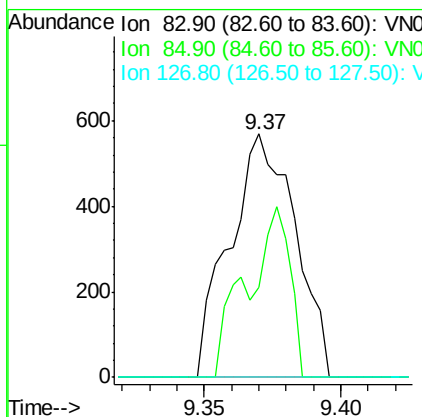
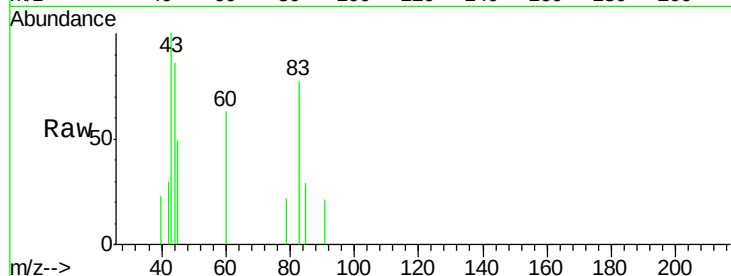
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 949   |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 36.9  | 51.8  | 77.8# |
| 127      | 0.0   | 7.4   | 11.0# |

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#48

Methyl methacrylate

Concen: 0.281 ug/l

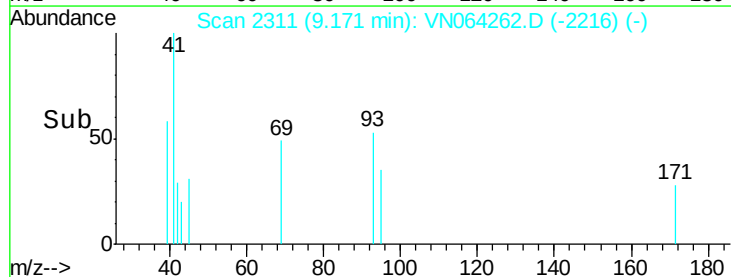
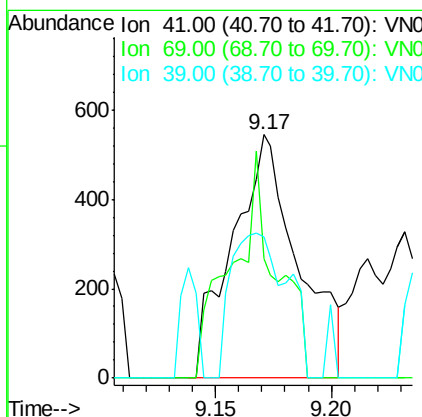
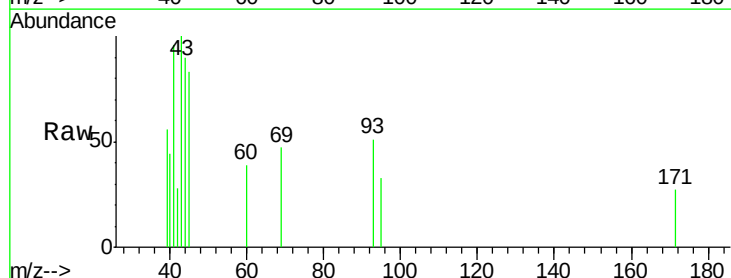
RT: 9.17 min Scan# 2311

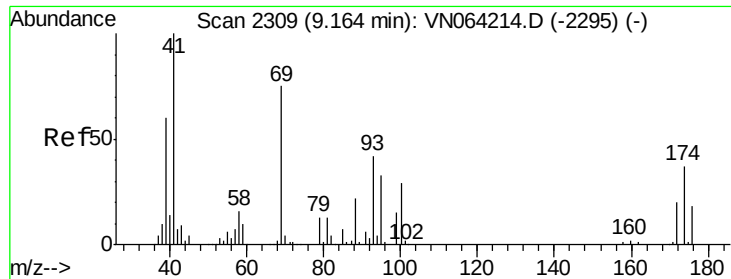
Delta R.T. 0.01 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 1075  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 62.2  | 57.3  | 85.9  |
| 39       | 51.1  | 48.6  | 73.0  |





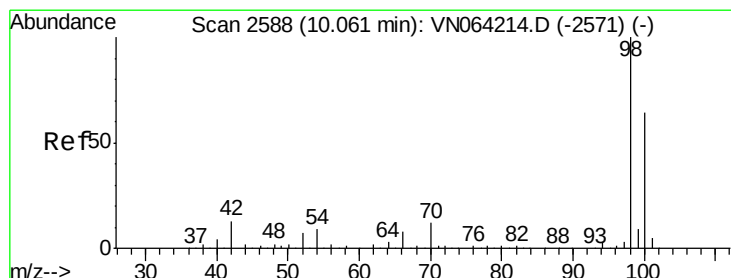
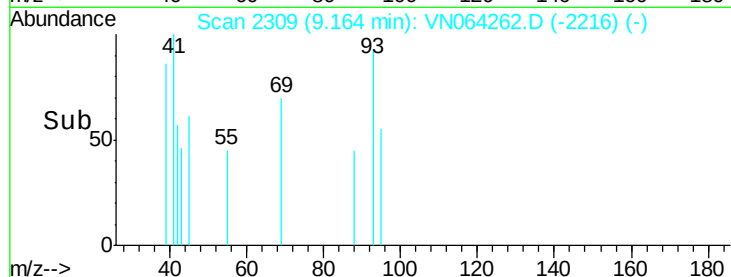
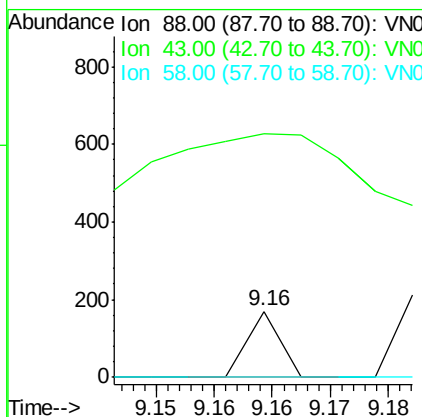
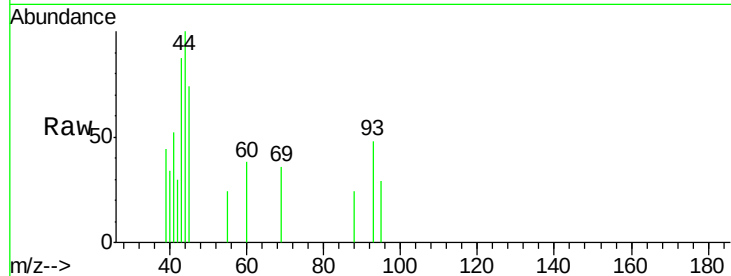
#49  
1,4-Dioxane  
Concen: 0.739 ug/l  
RT: 9.16 min Scan# 2309  
Delta R.T. 0.00 min  
Lab File: VN064262.D  
Acq: 22 Oct 2020 20:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 88 Resp: 33  
Ion Ratio Lower Upper  
88 100  
43 1581.8 34.6 52.0  
58 0.0 59.0 88.6#

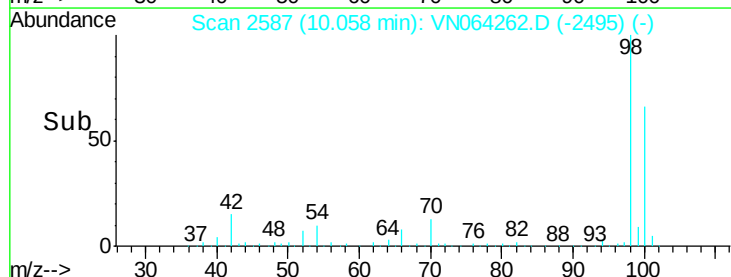
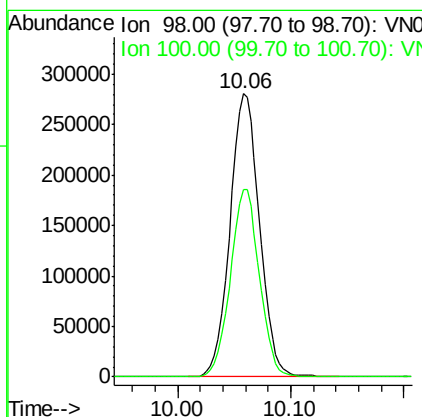
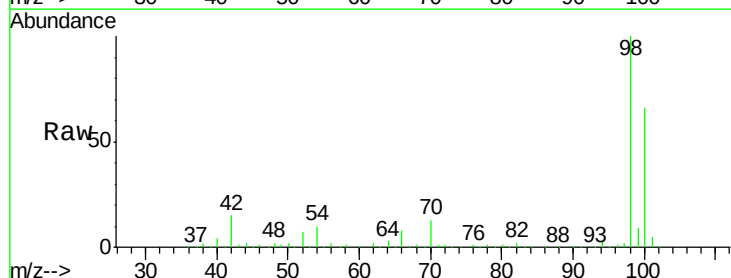
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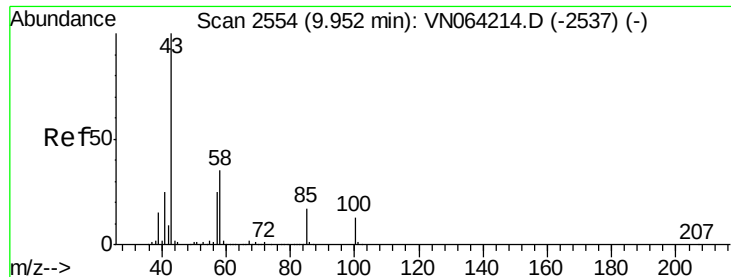
MMDadoda  
10/23/2020 3:37:30 PM



#50  
Toluene-d8  
Concen: 48.724 ug/l  
RT: 10.06 min Scan# 2587  
Delta R.T. -0.00 min  
Lab File: VN064262.D  
Acq: 22 Oct 2020 20:04

Tgt Ion: 98 Resp: 509237  
Ion Ratio Lower Upper  
98 100  
100 65.1 50.8 76.2





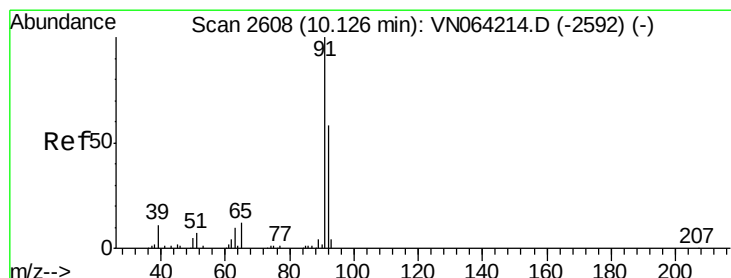
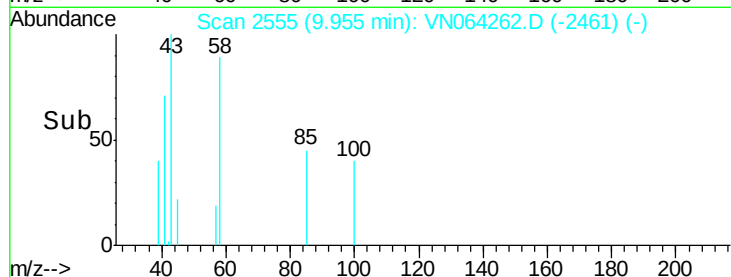
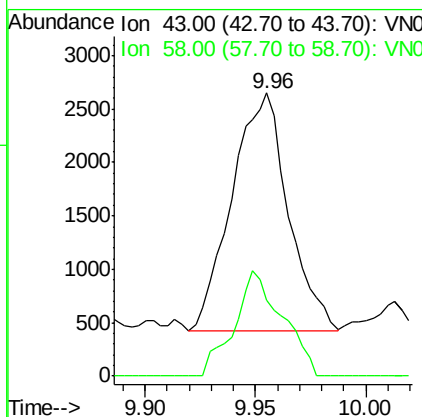
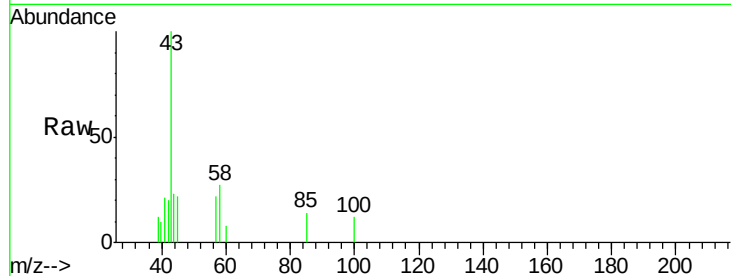
#51  
4-Methyl-2-Pentanone  
Concen: 1.006 ug/l  
RT: 9.96 min Scan# 2555  
Delta R.T. 0.00 min  
Lab File: VN064262.D  
Acq: 22 Oct 2020 20:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 43 Resp: 3929  
Ion Ratio Lower Upper  
43 100  
58 37.7 28.6 42.8

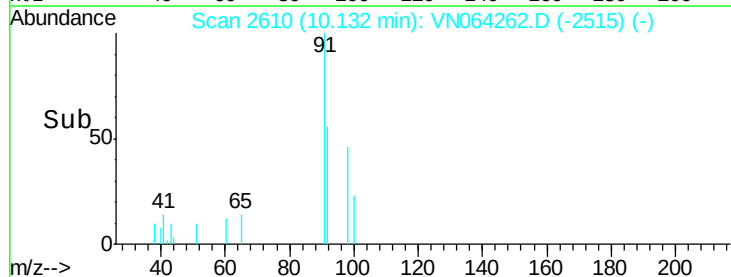
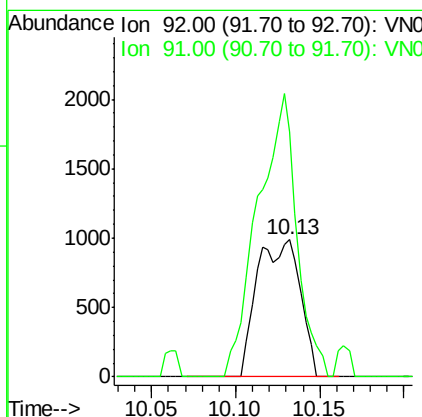
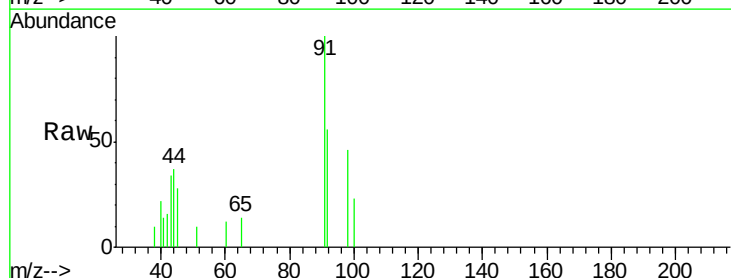
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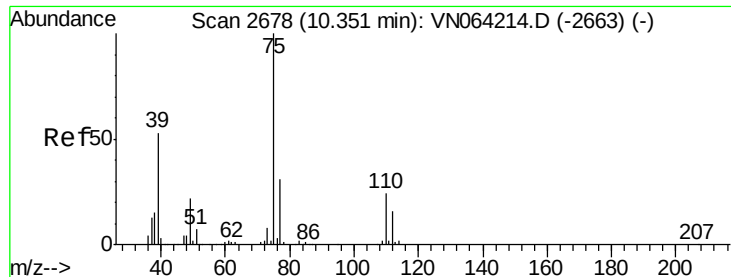
MMDadoda  
10/23/2020 3:37:30 PM



#52  
Toluene  
Concen: 0.230 ug/l m  
RT: 10.13 min Scan# 2610  
Delta R.T. 0.01 min  
Lab File: VN064262.D  
Acq: 22 Oct 2020 20:04

Tgt Ion: 92 Resp: 1754  
Ion Ratio Lower Upper  
92 100  
91 186.9 137.4 206.2





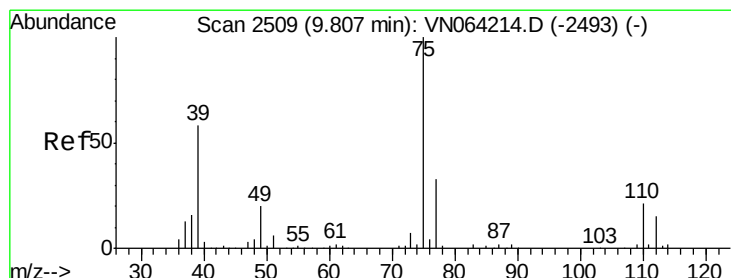
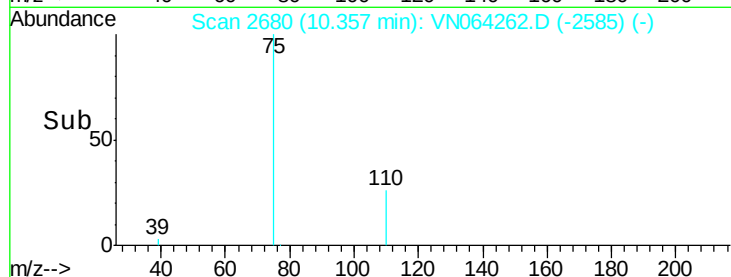
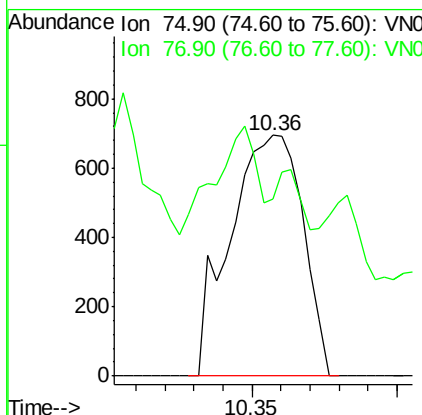
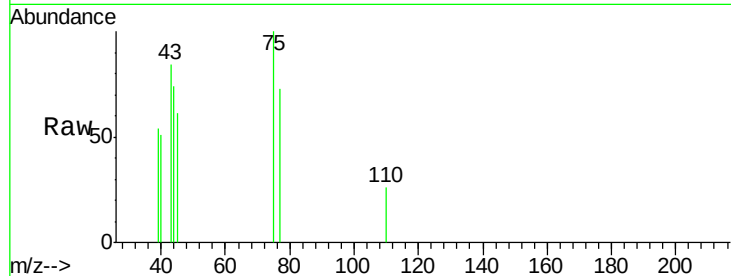
#53  
 t-1,3-Dichloropropene  
 Concen: 0.231 ug/l  
 RT: 10.36 min Scan# 2680  
 Delta R.T. 0.01 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2020

Tot Ion: 75 Resp: 1213  
 Ion Ratio Lower Upper  
 75 100  
 77 6.3 25.4 38.2#

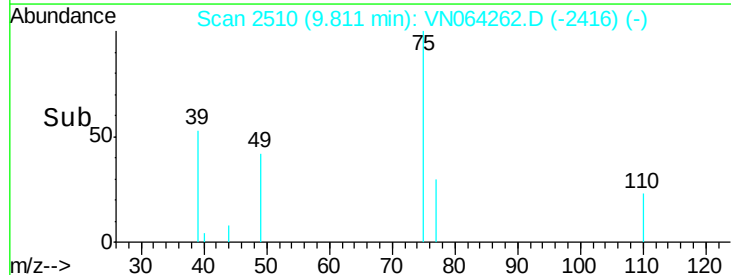
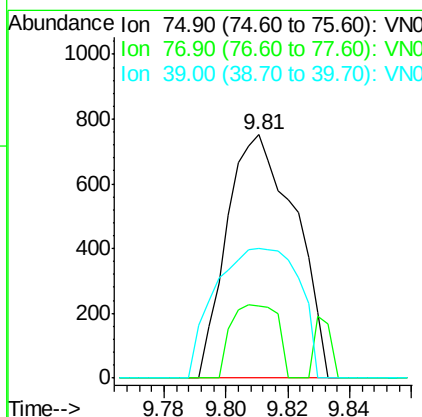
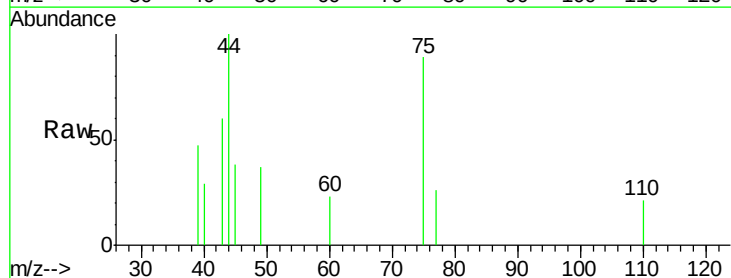
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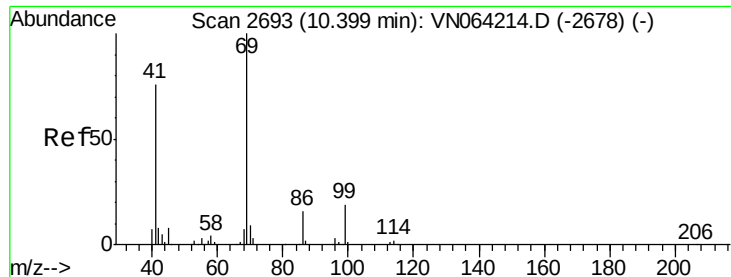
MMDadoda  
 10/23/2020 3:37:30 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 0.209 ug/l  
 RT: 9.81 min Scan# 2510  
 Delta R.T. 0.00 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

Tgt Ion: 75 Resp: 1153  
 Ion Ratio Lower Upper  
 75 100  
 77 29.5 26.6 39.8  
 39 53.1 46.7 70.1





#56

Ethyl methacrylate

Concen: 0.203 ug/l

RT: 10.41 min Scan# 2695

Delta R.T. 0.01 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

Instrument :

MSVOA\_N

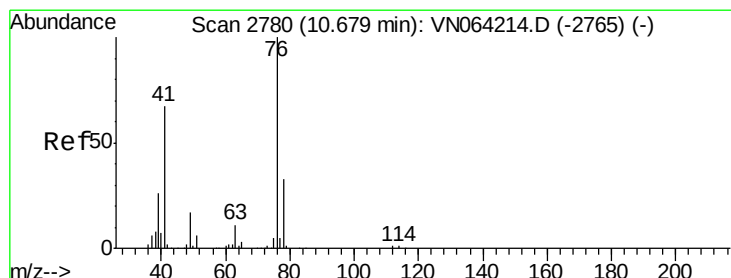
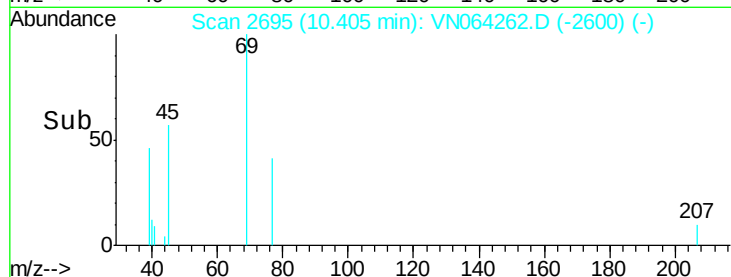
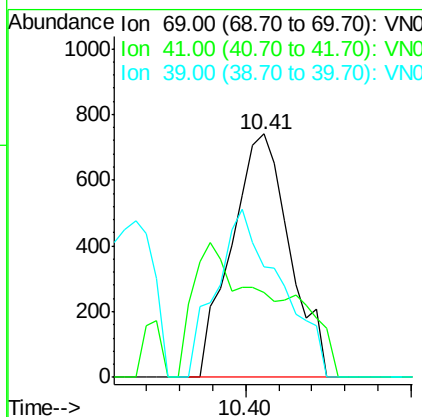
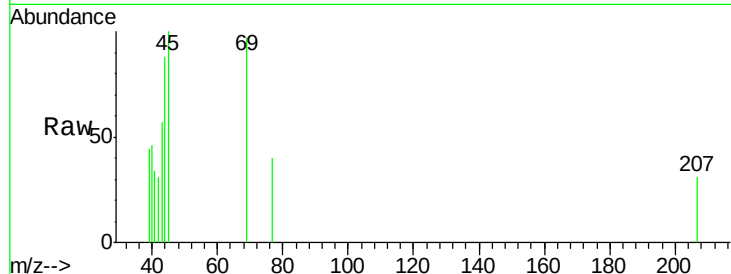
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 69    | Resp: | 904   |
| Ion Ratio | Lower | Upper |       |
| 69        | 100   |       |       |
| 41        | 78.5  | 61.4  | 92.2  |
| 39        | 76.2  | 36.0  | 54.0# |

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#57

1,3-Dichloropropane

Concen: 0.208 ug/l

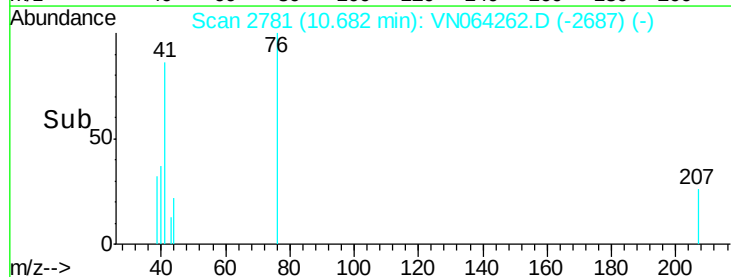
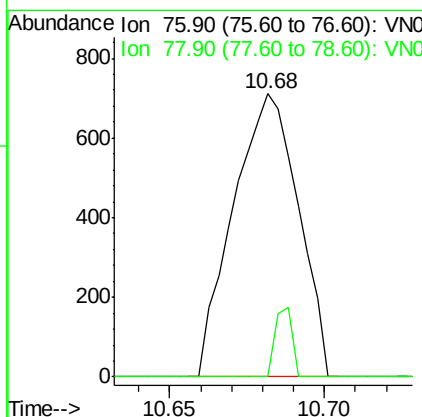
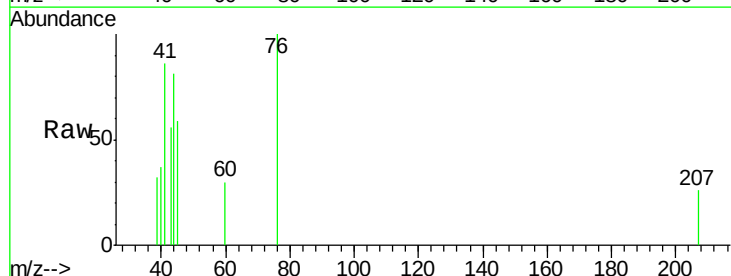
RT: 10.68 min Scan# 2781

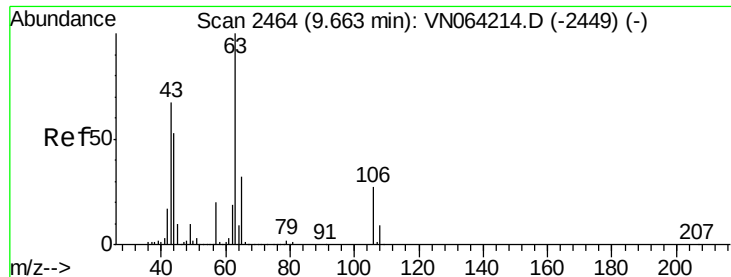
Delta R.T. 0.00 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 76    | Resp: | 1039  |
| Ion Ratio | Lower | Upper |       |
| 76        | 100   |       |       |
| 78        | 6.2   | 26.2  | 39.2# |





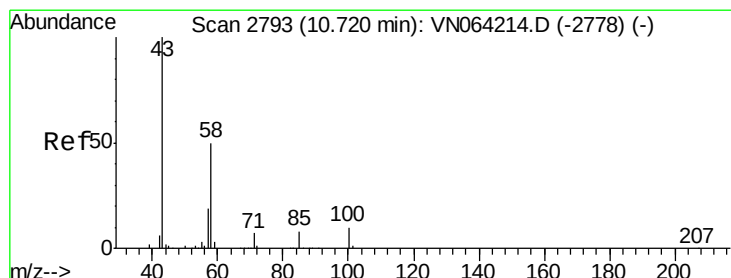
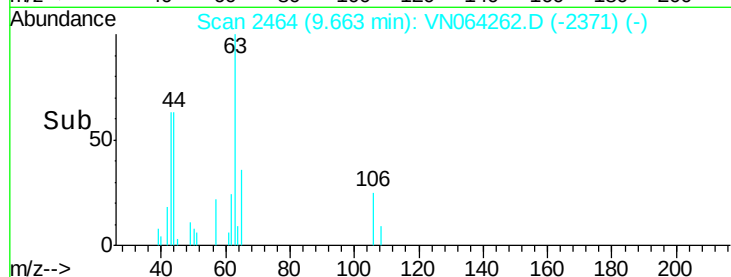
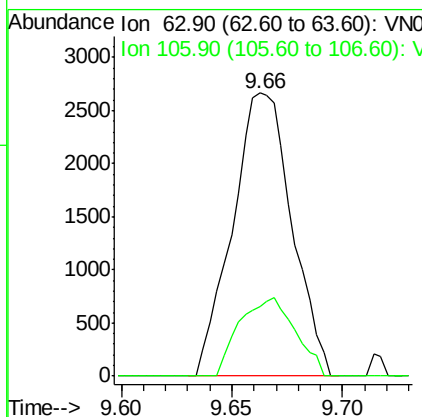
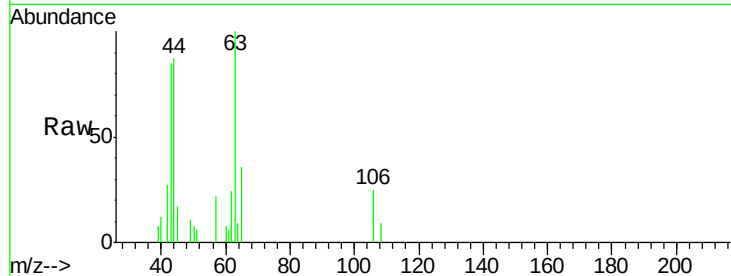
#58  
 2-Chloroethyl Vinyl ether  
 Concen: 2.169 ug/l  
 RT: 9.66 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2020

Tot Ion: 63 Resp: 4977  
 Ion Ratio Lower Upper  
 63 100  
 106 26.1 21.3 31.9

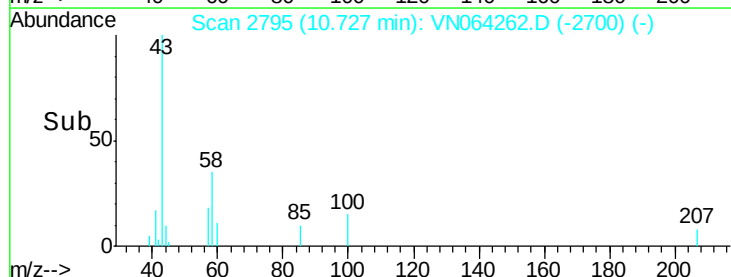
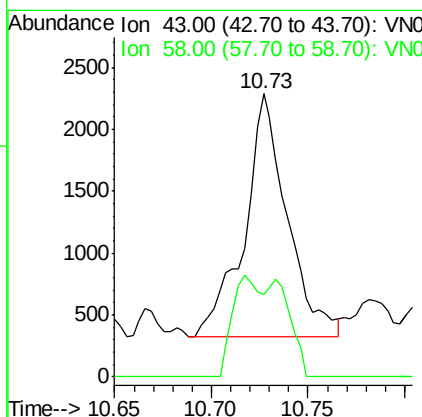
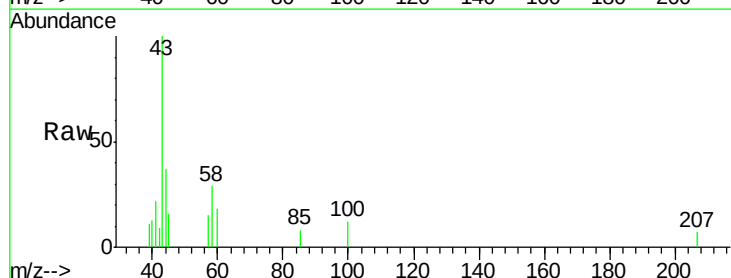
Manual Integrations  
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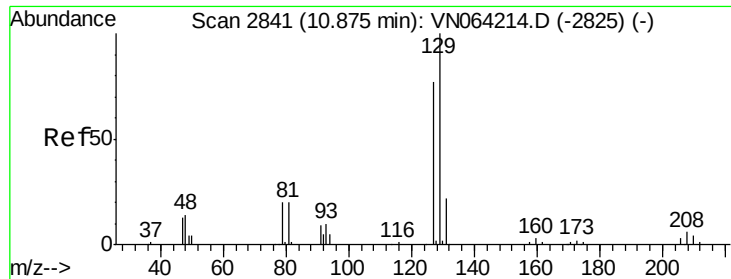
MMDadoda  
 10/23/2020 3:37:30 PM



#59  
 2-Hexanone  
 Concen: 1.069 ug/l  
 RT: 10.73 min Scan# 2795  
 Delta R.T. 0.01 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

Tgt Ion: 43 Resp: 3050  
 Ion Ratio Lower Upper  
 43 100  
 58 28.1 24.8 74.3





#60

Dibromochloromethane

Concen: 0.211 ug/l

RT: 10.87 min Scan# 2839

Delta R.T. -0.01 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

Instrument :

MSVOA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:129 Resp: 789

Ion Ratio Lower Upper

129 100

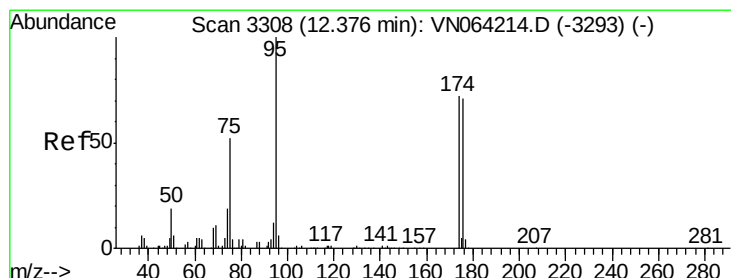
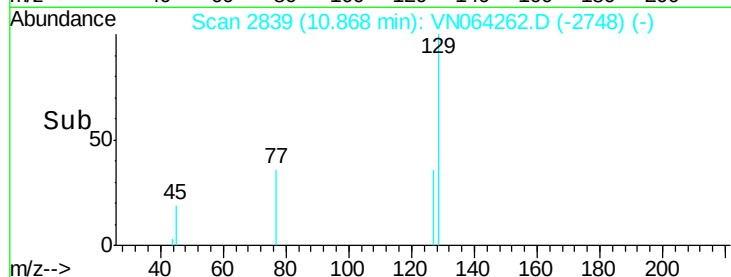
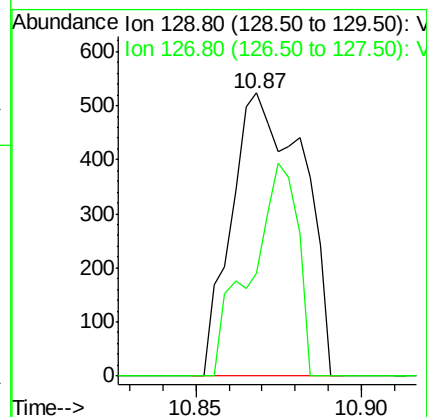
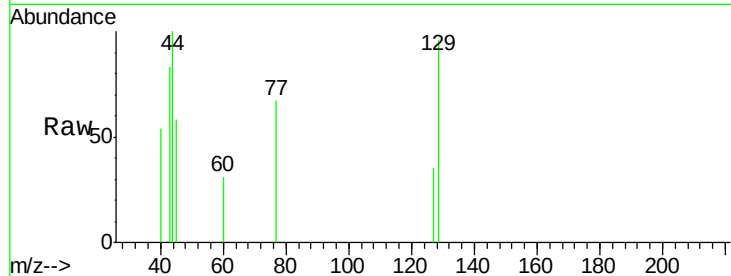
127 49.2 38.8 116.3

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 46.354 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

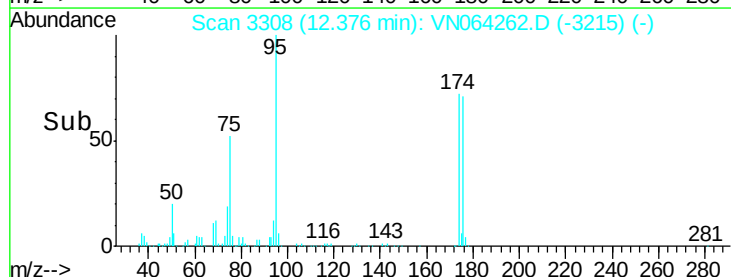
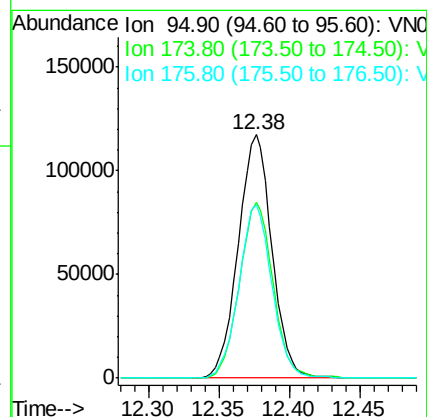
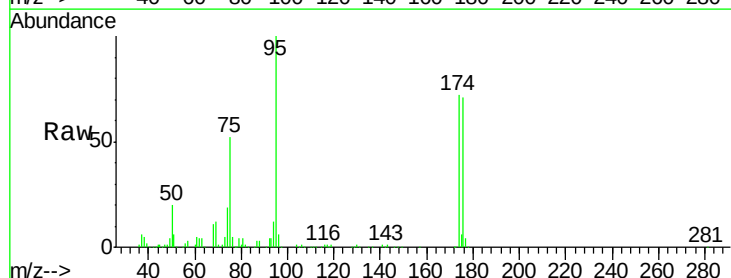
Tgt Ion: 95 Resp: 196399

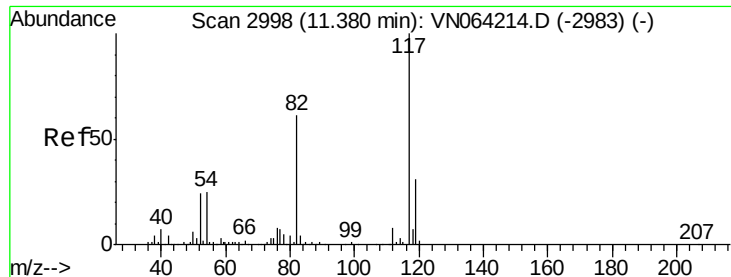
Ion Ratio Lower Upper

95 100

174 72.1 0.0 144.4

176 70.1 0.0 139.2





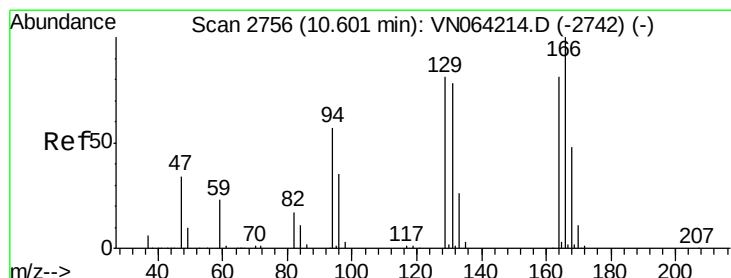
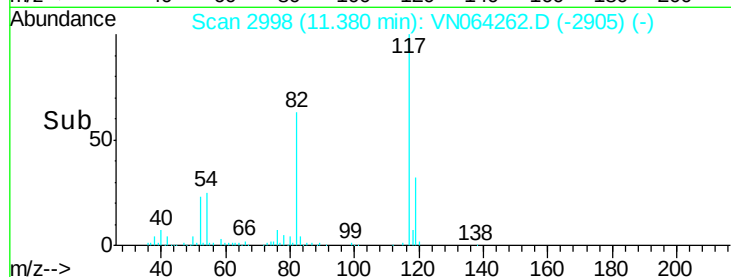
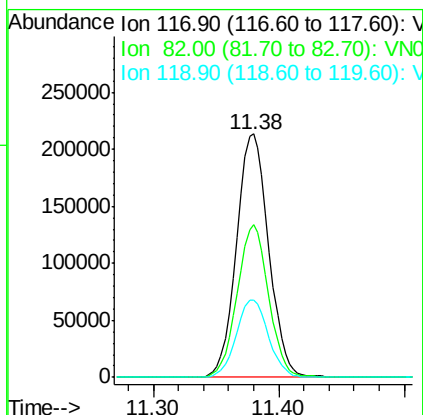
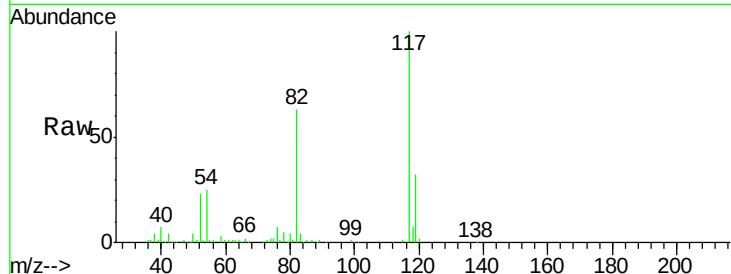
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. 0.00 min  
Lab File: VN064262.D  
Acq: 22 Oct 2020 20:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 380182 |       |       |
| 82      | 62.8  | 48.8   | 73.2  |       |
| 119     | 31.8  | 24.7   | 37.1  |       |

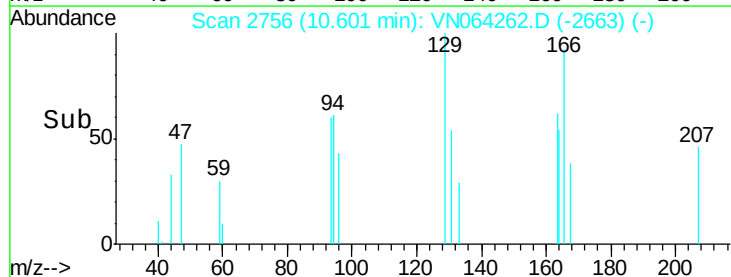
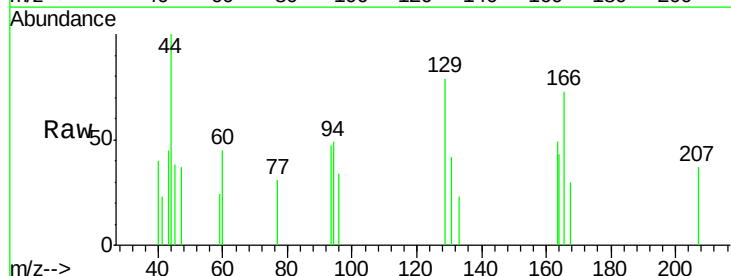
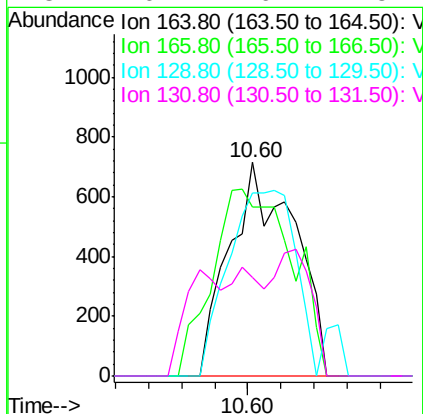
Manual Integrations  
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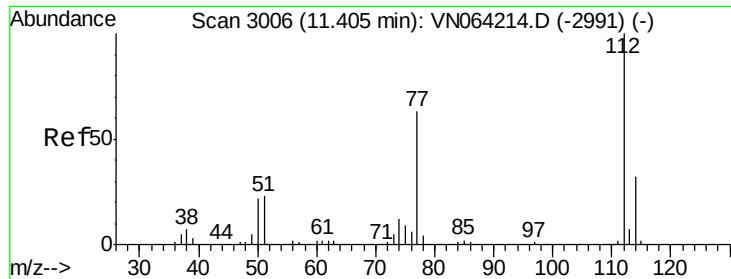


#64  
Tetrachloroethene  
Concen: 0.319 ug/l  
RT: 10.60 min Scan# 2756  
Delta R.T. 0.00 min  
Lab File: VN064262.D  
Acq: 22 Oct 2020 20:04

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 164     | 100   | 975  |        |       |
| 166     | 78.9  | 98.9 | 148.3# |       |
| 129     | 86.0  | 79.9 | 119.9  |       |
| 131     | 46.2  | 76.7 | 115.1# |       |







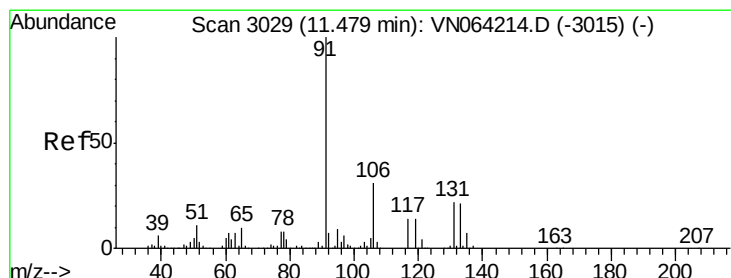
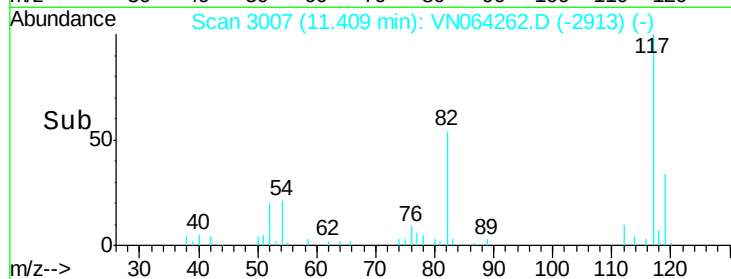
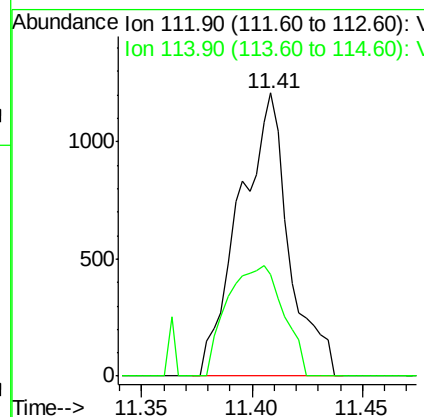
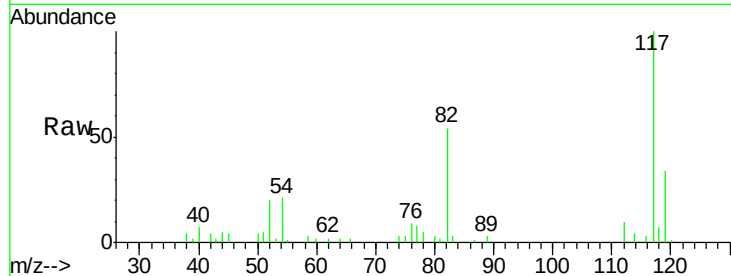
#65  
Chlorobenzene  
Concen: 0.240 ug/l  
RT: 11.41 min Scan# 3007  
Delta R.T. 0.00 min  
Lab File: VN064262.D  
Acq: 22 Oct 2020 20:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

Tot Ion:112 Resp: 1892  
Ion Ratio Lower Upper  
112 100  
114 35.9 25.7 38.5

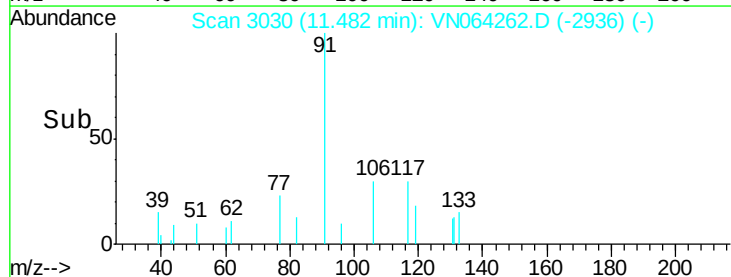
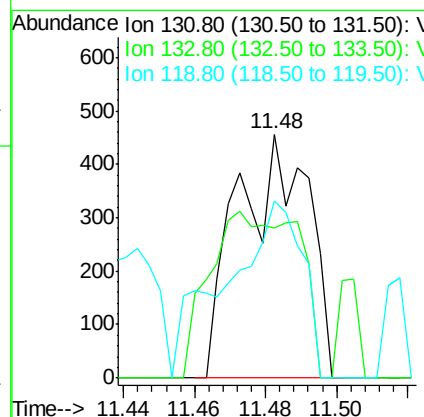
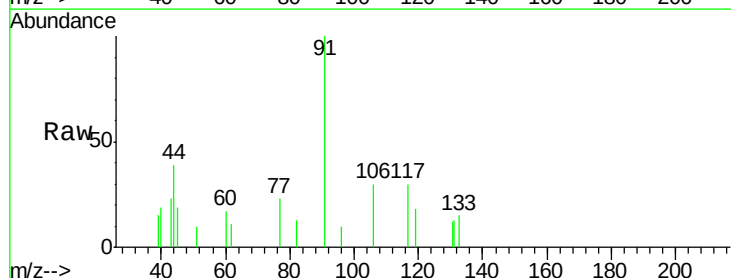
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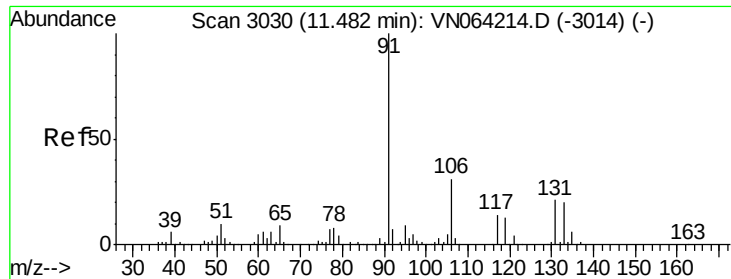
MMDadoda  
10/23/2020 3:37:30 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.200 ug/l m  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN064262.D  
Acq: 22 Oct 2020 20:04

Tgt Ion:131 Resp: 625  
Ion Ratio Lower Upper  
131 100  
133 0.0 47.8 143.4#  
119 0.0 32.2 96.6#





#67

Ethyl Benzene

Concen: 0.208 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

Instrument :

MSVOA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 91 Resp: 3013

Ion Ratio Lower Upper

91 100

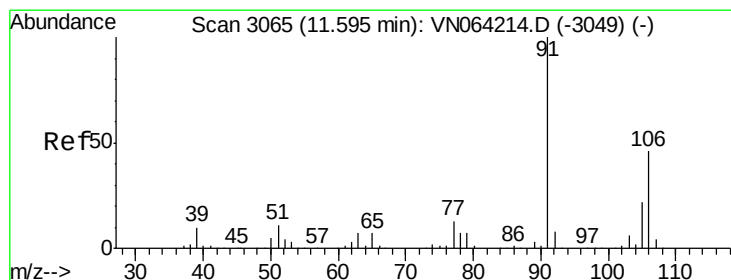
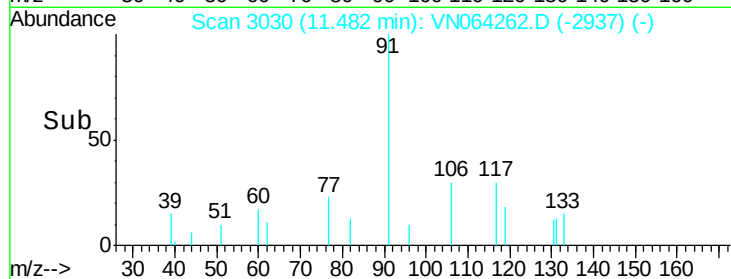
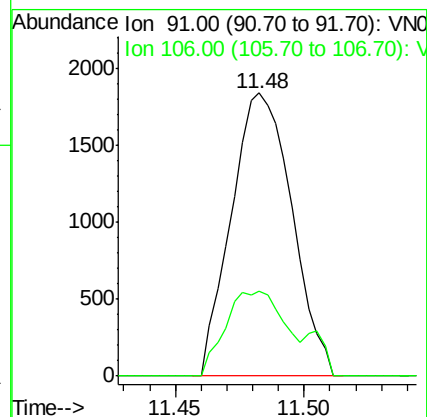
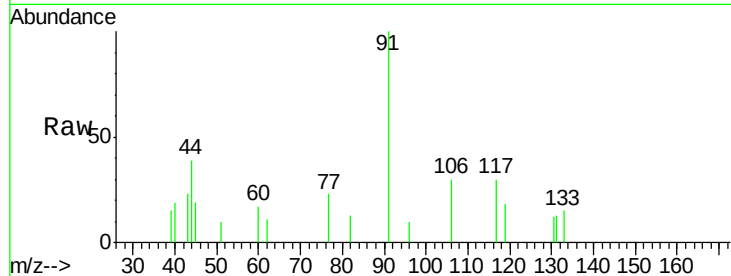
106 30.1 24.8 37.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 0.435 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064262.D

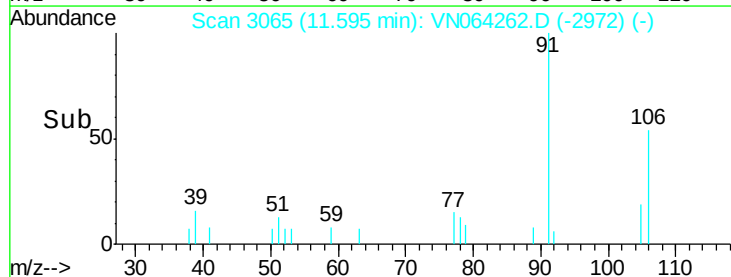
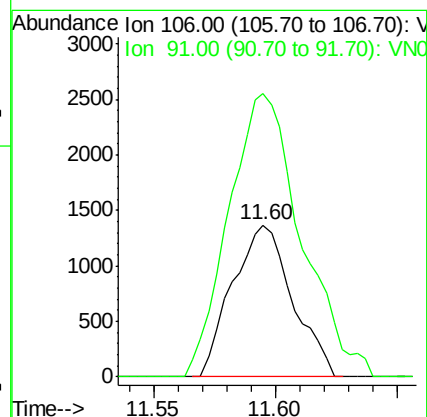
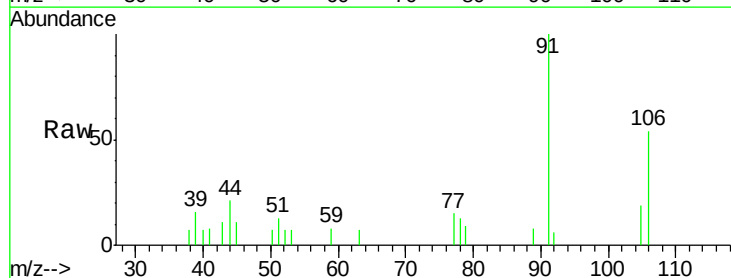
Acq: 22 Oct 2020 20:04

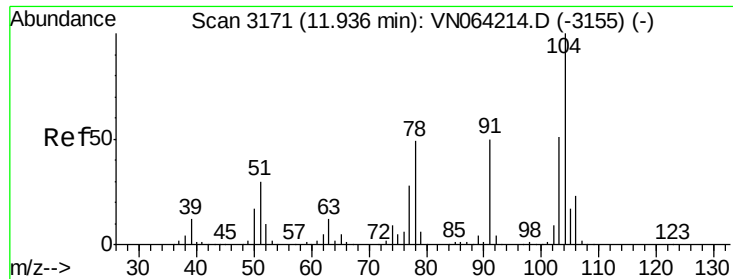
Tgt Ion: 106 Resp: 2329

Ion Ratio Lower Upper

106 100

91 225.4 172.2 258.2





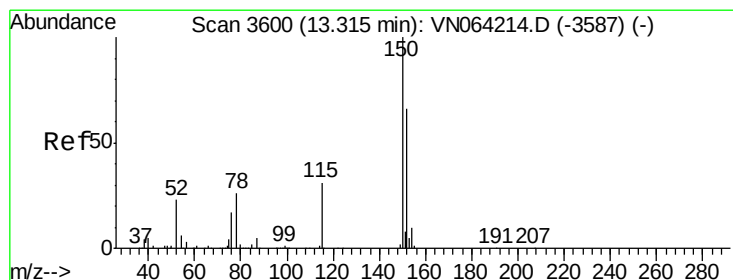
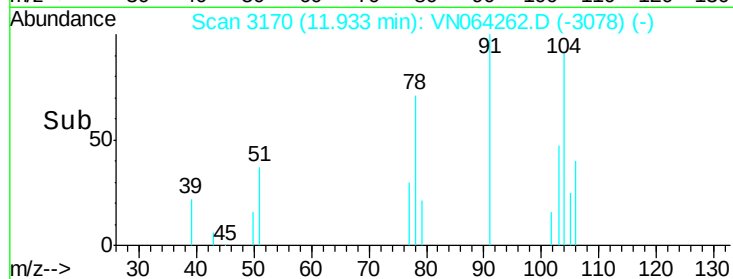
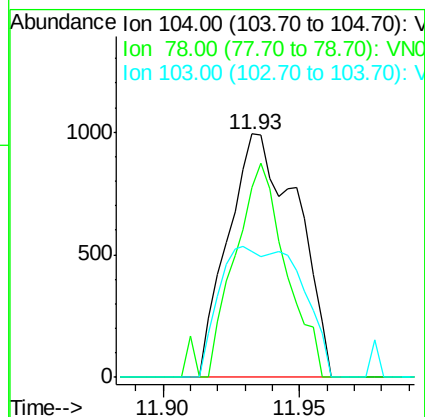
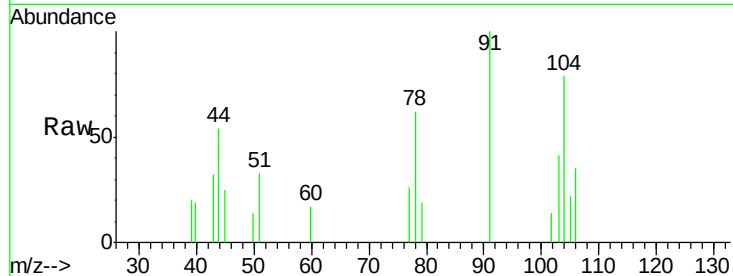
#70  
Stvrene  
Concen: 0.202 ug/l  
RT: 11.93 min Scan# 3170  
Delta R.T. -0.00 min  
Lab File: VN064262.D  
Acq: 22 Oct 2020 20:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 63.8  | 43.8  | 65.6  |
| 103     | 33.3  | 43.4  | 65.2# |

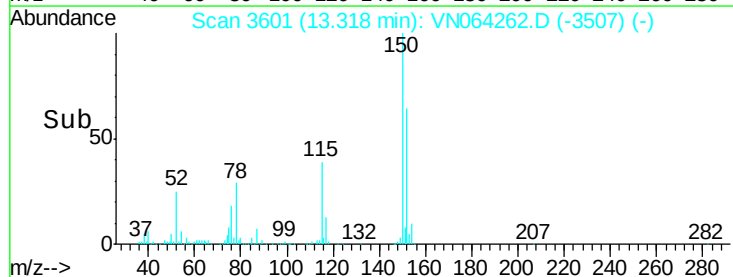
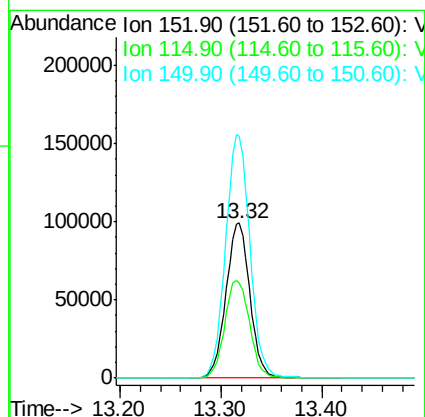
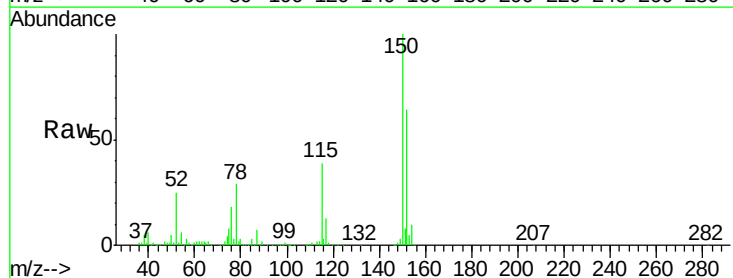
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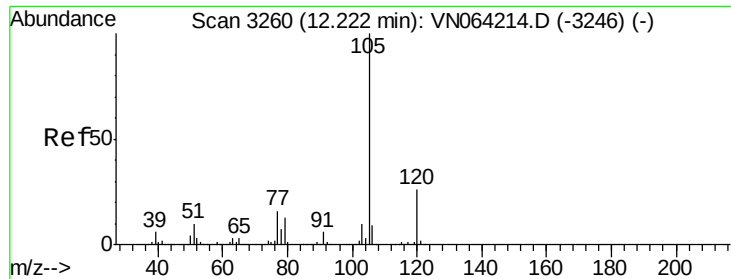
MMDadoda  
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3601  
Delta R.T. 0.00 min  
Lab File: VN064262.D  
Acq: 22 Oct 2020 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 65.0  | 32.0  | 96.2  |
| 150     | 159.2 | 0.0   | 356.6 |





#73

Isopropylbenzene

Concen: 0.242 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

Instrument :

MSVOA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion:105 Resp: 3050

Ion Ratio Lower Upper

105 100

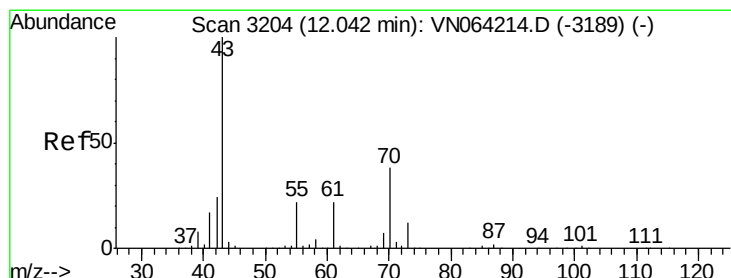
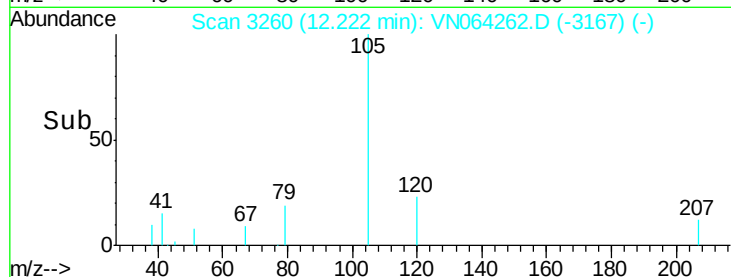
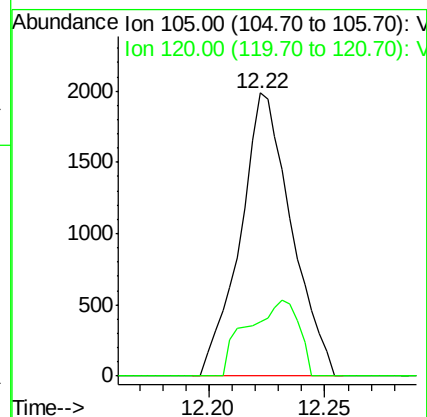
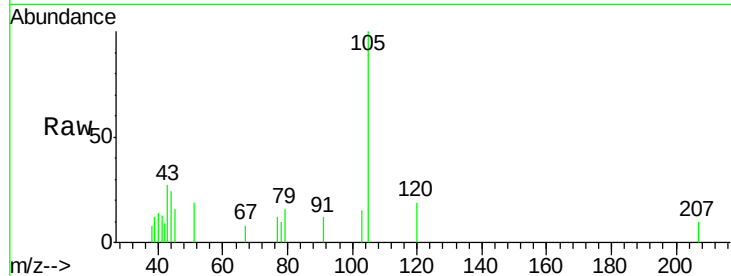
120 26.7 12.9 38.7

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#74

N-ethyl acetate

Concen: 0.211 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

Tgt Ion: 43 Resp: 1148

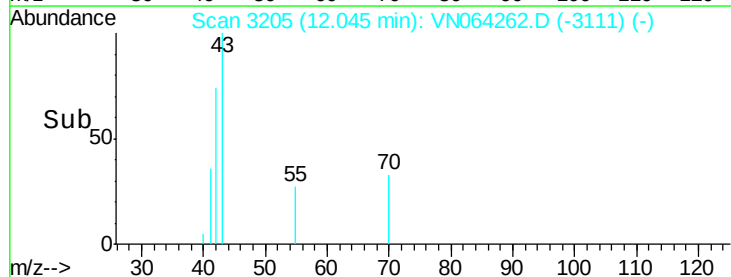
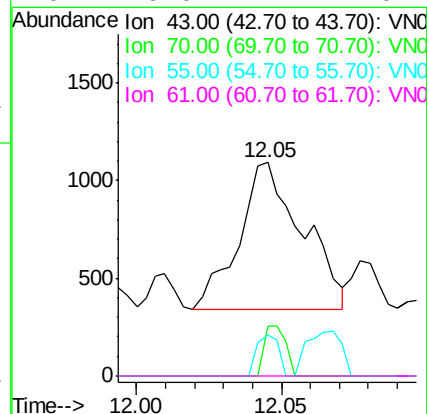
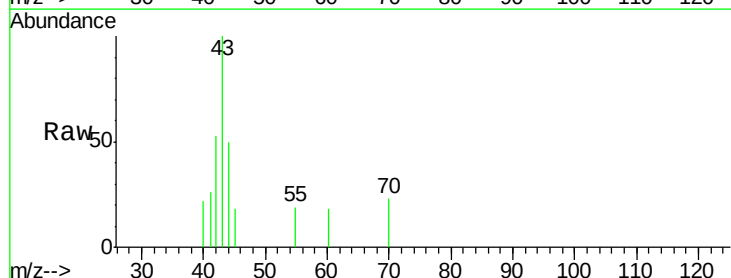
Ion Ratio Lower Upper

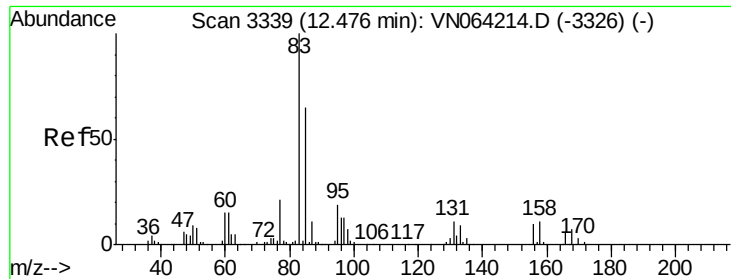
43 100

70 11.6 30.2 45.4#

55 9.5 18.0 27.0#

61 0.0 17.4 26.2#





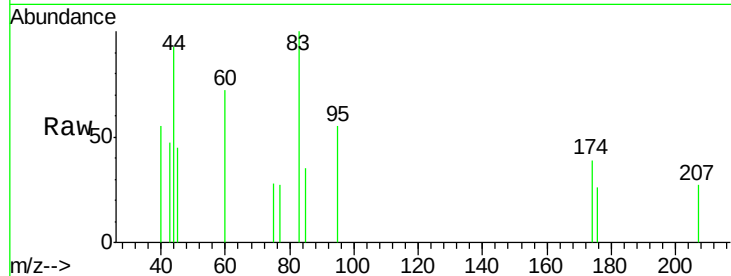
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 0.288 ug/l  
 RT: 12.48 min Scan# 3339  
 Delta R.T. 0.00 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 131     | 0.0   | 5.5   | 16.7# |
| 85      | 19.7  | 32.4  | 97.0# |

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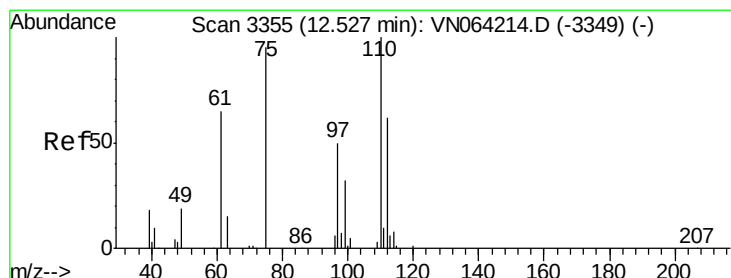
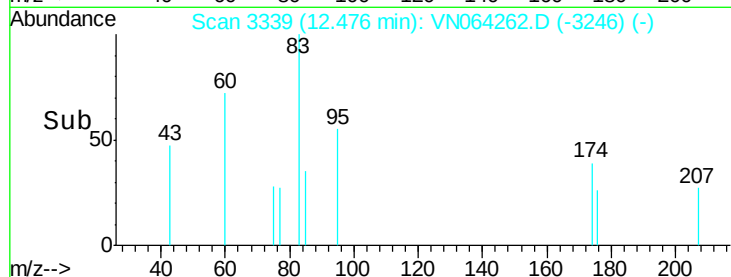
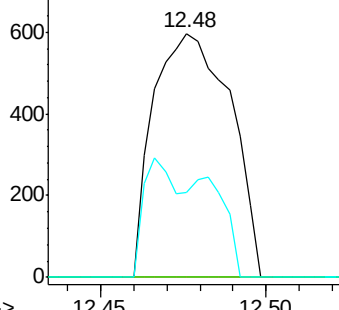
MMDadoda  
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Abundance Ion 82.90 (82.60 to 83.60): VN064262.D (-3246) (-)

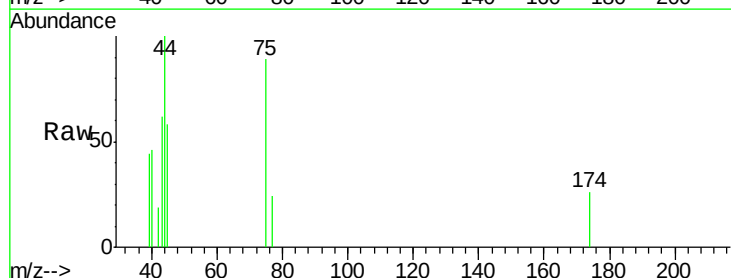
Ion 130.80 (130.50 to 131.50): VN064262.D (-3246) (-)

Ion 84.90 (84.60 to 85.60): VN064262.D (-3246) (-)



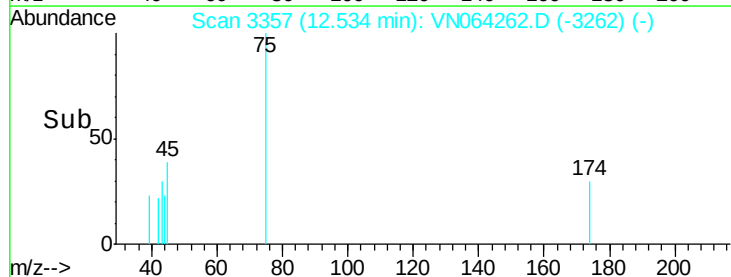
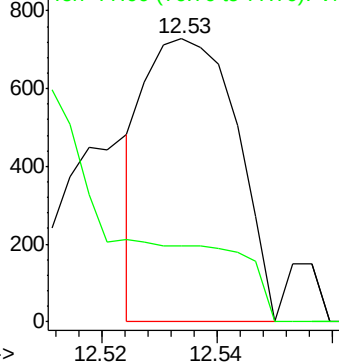
#76  
 1,2,3-Trichloropropane  
 Concen: 0.233 ug/l m  
 RT: 12.53 min Scan# 3357  
 Delta R.T. 0.01 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

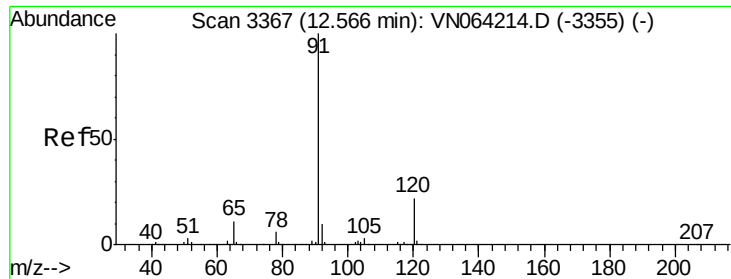
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 138.5 | 0.0   | 0.0#  |



Abundance Ion 74.90 (74.60 to 75.60): VN064262.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064262.D (-3262) (-)





#78

n-propylbenzene

Concen: 0.265 ug/l

RT: 12.57 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

Instrument :

MSVOA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 91 Resp: 3763

Ion Ratio Lower Upper

91 100

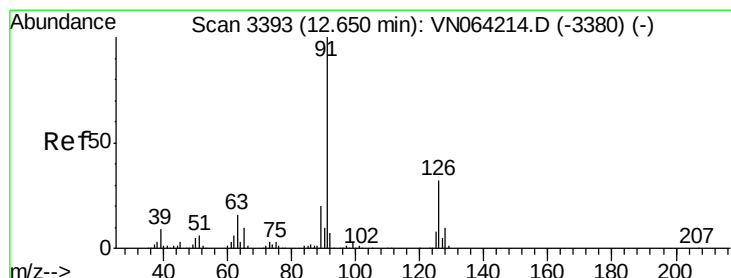
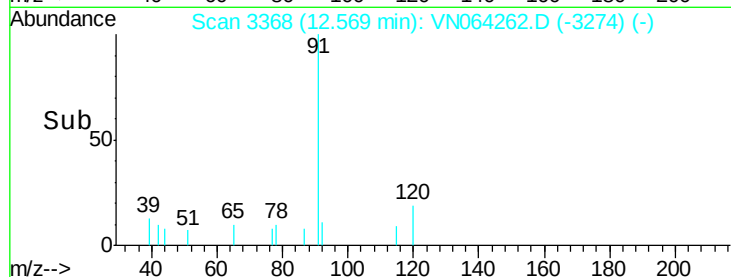
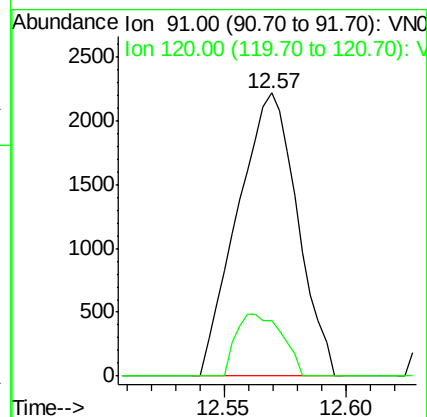
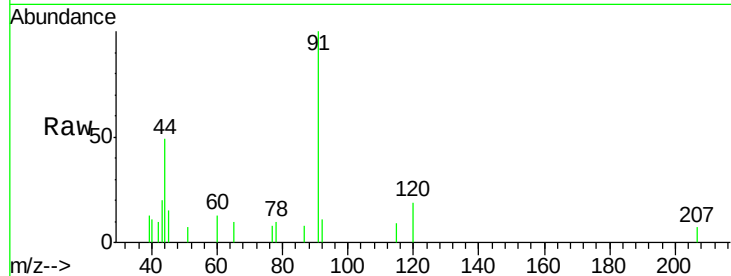
120 16.9 11.1 33.1

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#79

2-Chlorotoluene

Concen: 0.225 ug/l

RT: 12.65 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN064262.D

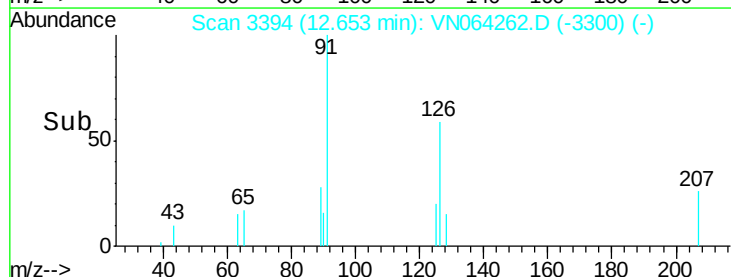
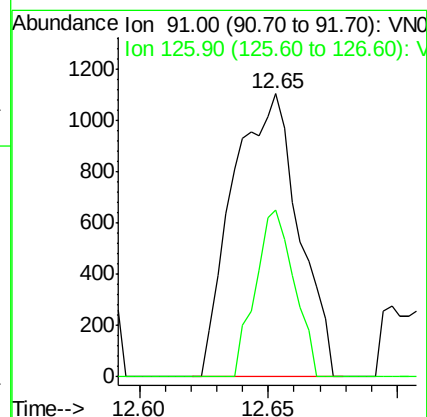
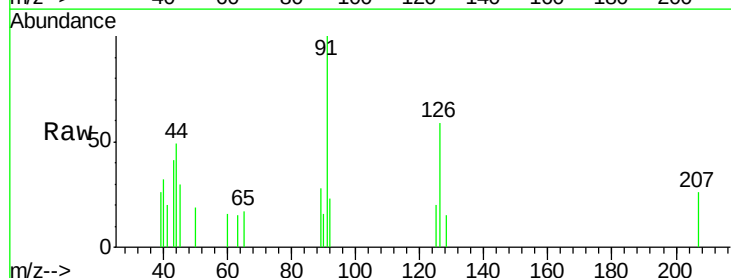
Acq: 22 Oct 2020 20:04

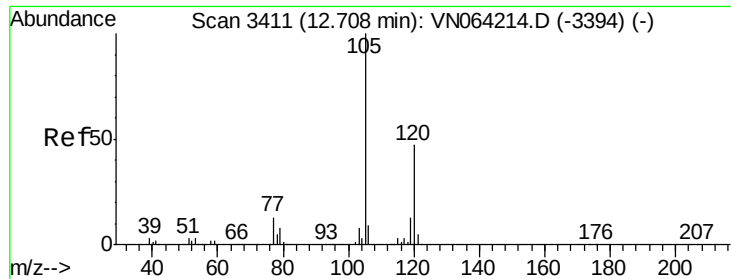
Tgt Ion: 91 Resp: 1964

Ion Ratio Lower Upper

91 100

126 34.6 16.0 48.0





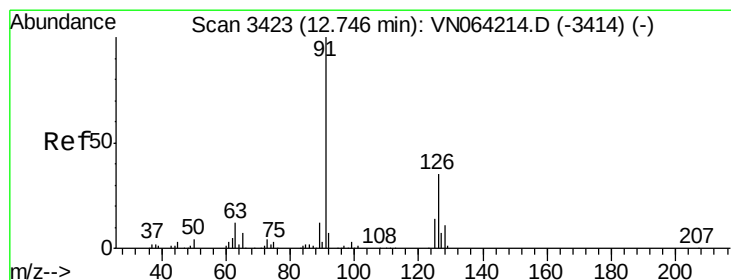
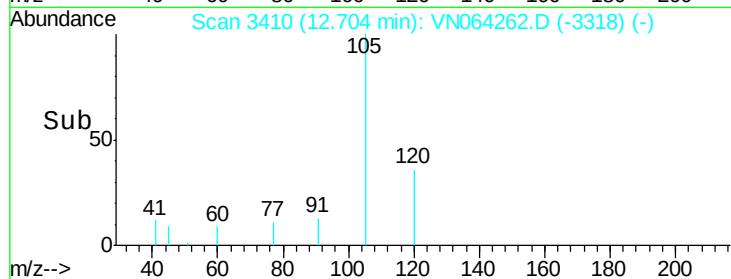
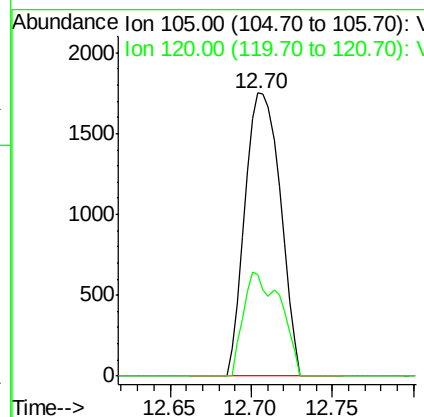
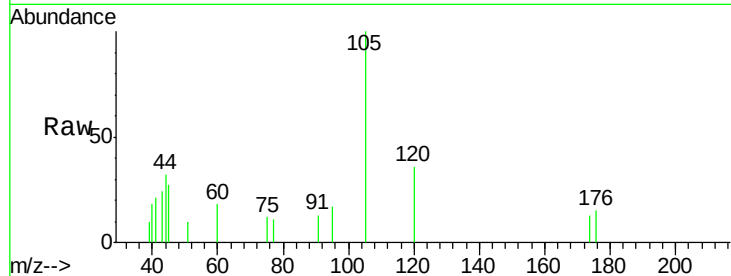
#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.247 ug/l m  
 RT: 12.70 min Scan# 3410  
 Delta R.T. -0.00 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2020

Tot Ion:105 Resp: 2630  
 Ion Ratio Lower Upper  
 105 100  
 120 0.0 23.4 70.0#

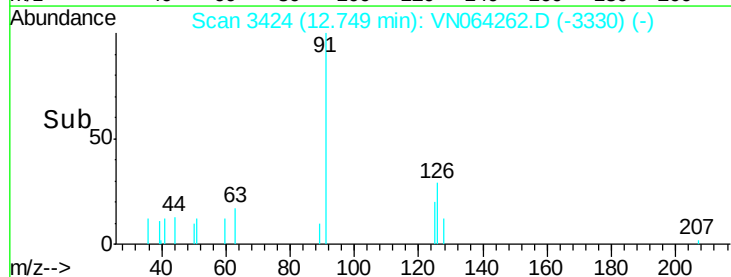
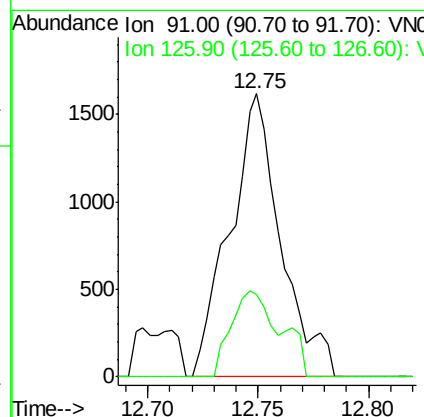
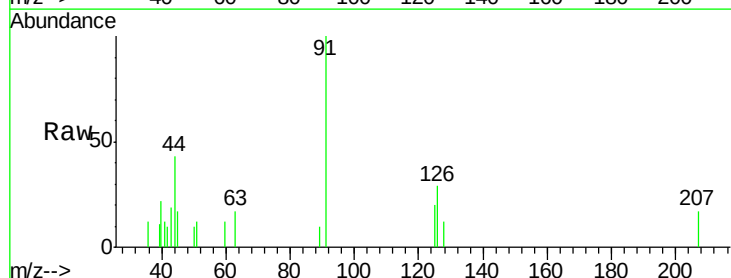
Manual Integrations  
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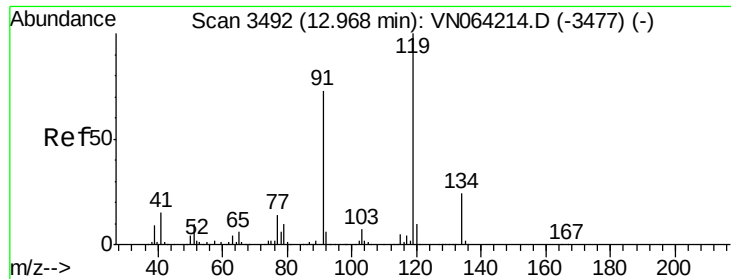
MMDadoda  
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#82  
 4-Chlorotoluene  
 Concen: 0.285 ug/l  
 RT: 12.75 min Scan# 3424  
 Delta R.T. 0.00 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

Tgt Ion: 91 Resp: 2598  
 Ion Ratio Lower Upper  
 91 100  
 126 23.2 15.8 47.3





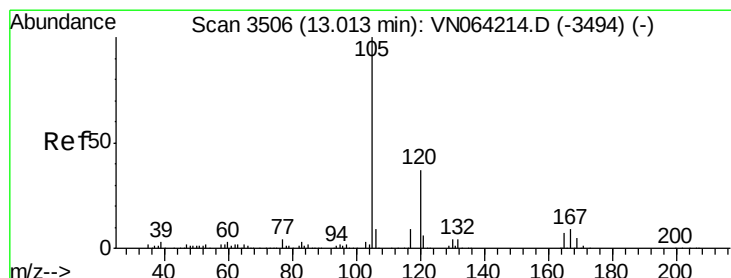
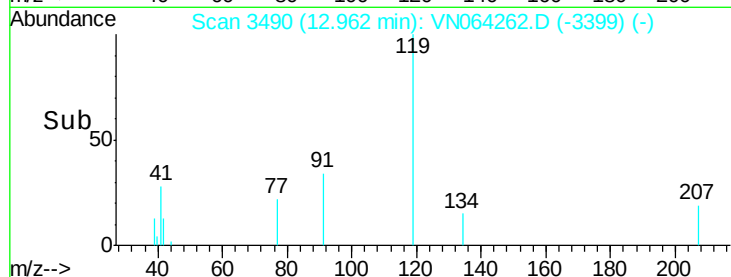
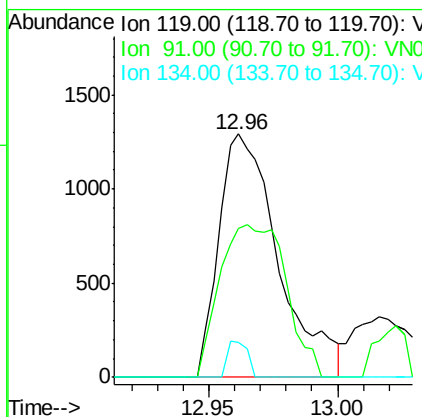
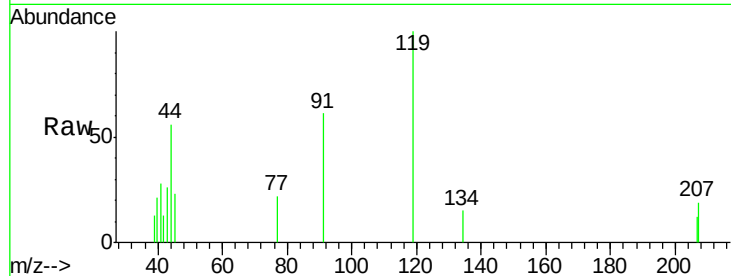
#83  
 tert-Butylbenzene  
 Concen: 0.238 ug/l  
 RT: 12.96 min Scan# 3490  
 Delta R.T. -0.01 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 69.9  | 35.1  | 105.3 |
| 134     | 4.9   | 11.6  | 34.8# |

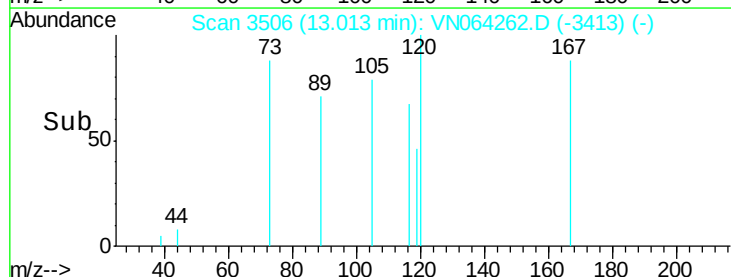
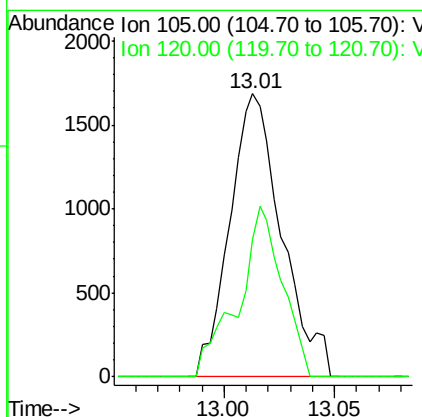
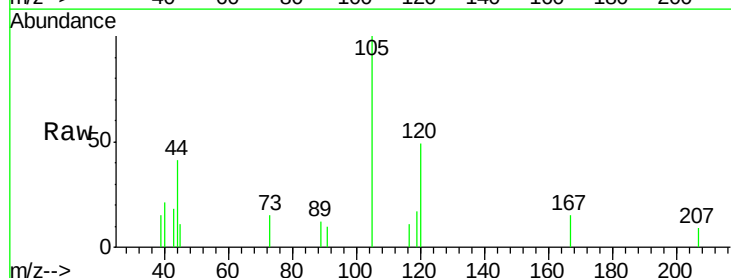
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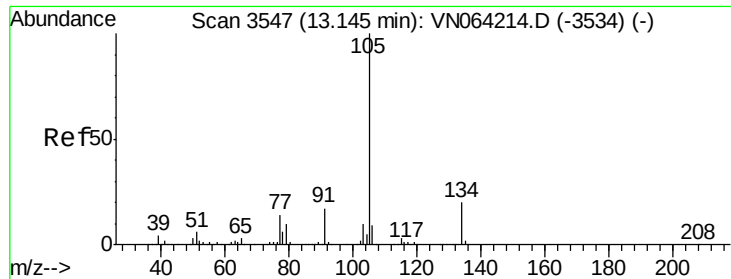


#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.260 ug/l  
 RT: 13.01 min Scan# 3506  
 Delta R.T. 0.00 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 51.2  | 21.5  | 64.5  |







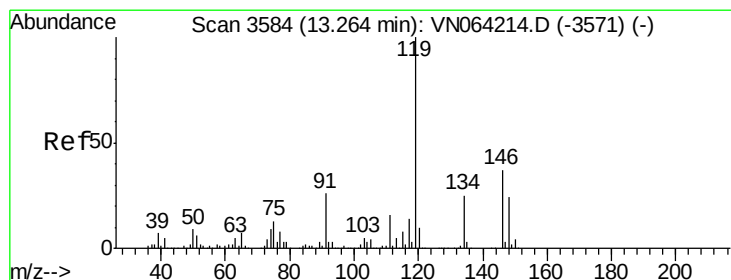
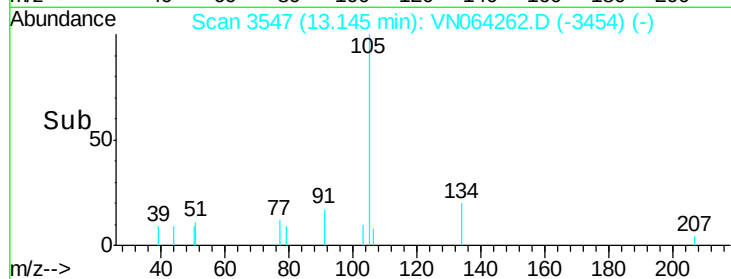
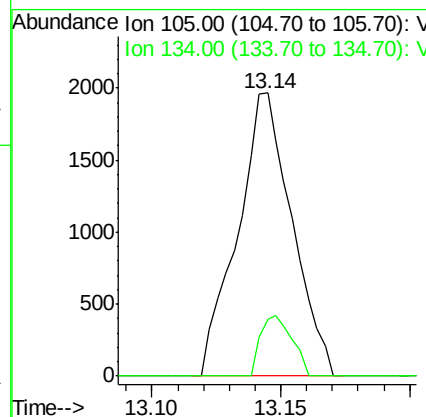
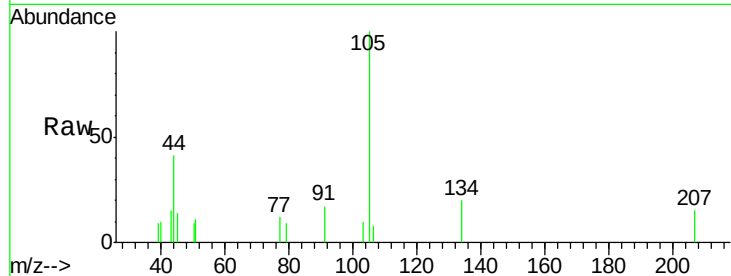
#85  
 sec-Butylbenzene  
 Concen: 0.262 ug/l  
 RT: 13.14 min Scan# 3547  
 Delta R.T. 0.00 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 12.5  | 9.7   | 29.1  |

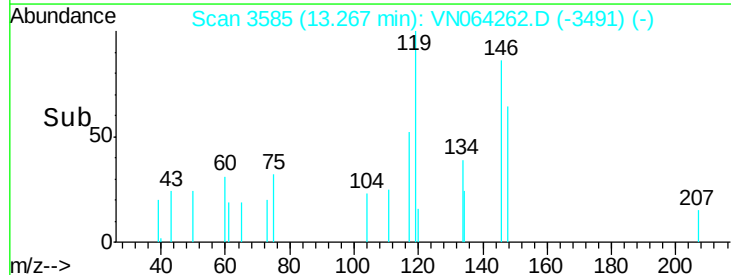
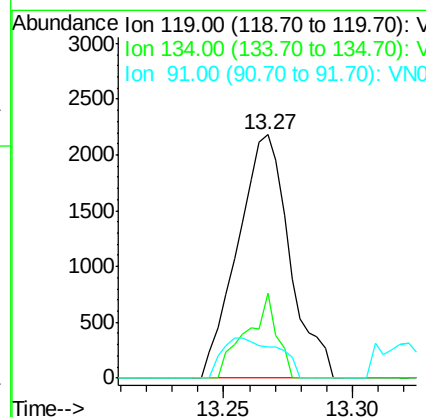
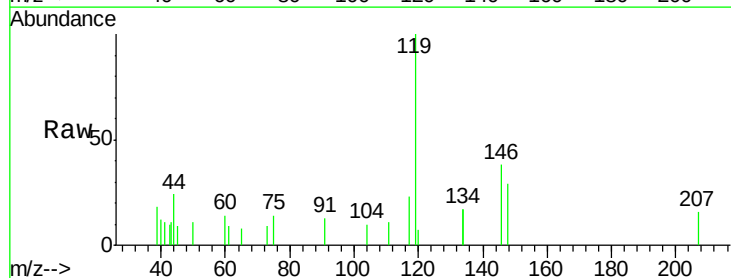
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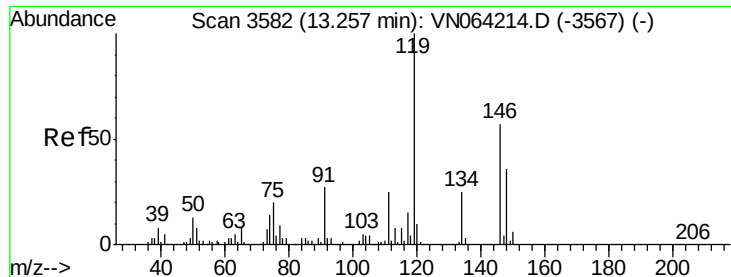
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#86  
 p-Isopropyltoluene  
 Concen: 0.305 ug/l  
 RT: 13.27 min Scan# 3585  
 Delta R.T. 0.00 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 20.3  | 13.1  | 39.3  |
| 91      | 17.8  | 13.4  | 40.2  |





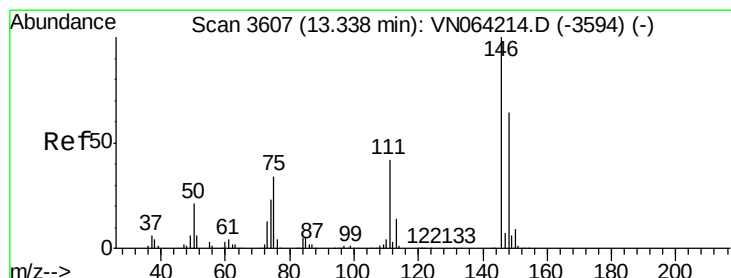
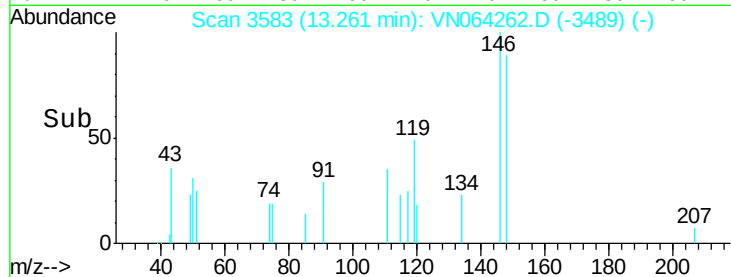
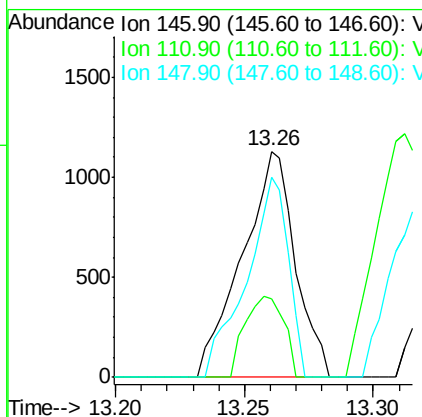
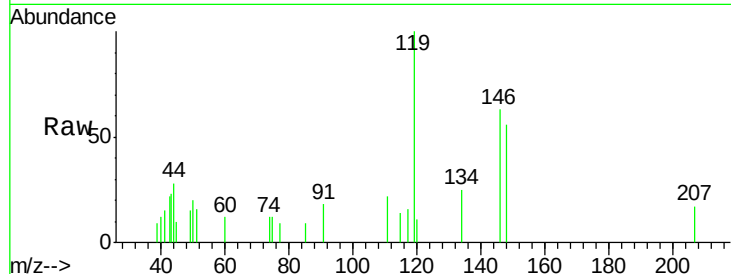
#87  
 1,3-Dichlorobenzene  
 Concen: 0.307 ug/l  
 RT: 13.26 min Scan# 3583  
 Delta R.T. 0.00 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 26.2  | 21.6  | 65.0  |
| 148     | 69.8  | 31.7  | 95.1  |

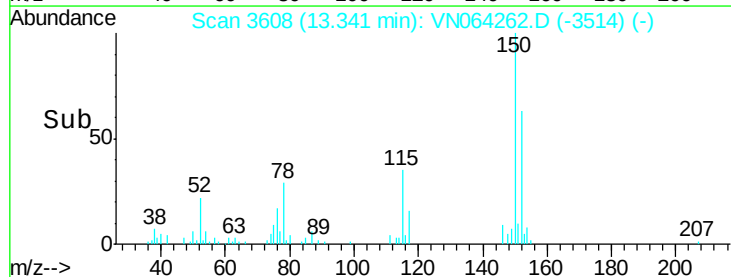
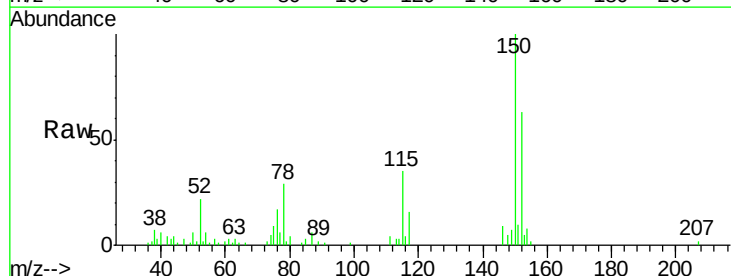
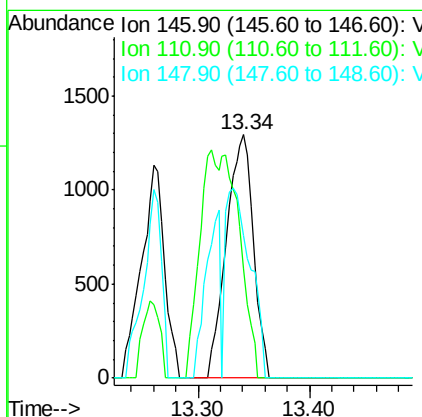
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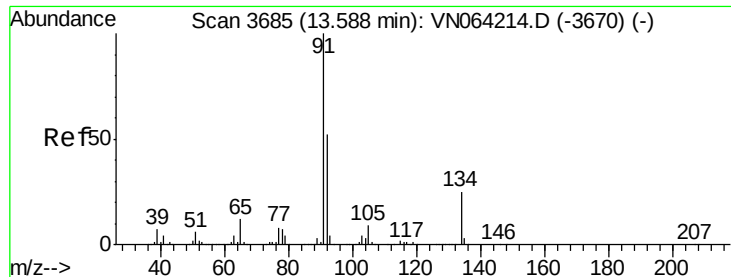
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#88  
 1,4-Dichlorobenzene  
 Concen: 0.399 ug/l m  
 RT: 13.34 min Scan# 3608  
 Delta R.T. 0.00 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 19.7  | 21.5  | 64.5# |
| 148     | 52.4  | 32.0  | 96.0  |





#89

n-Butylbenzene

Concen: 0.338 ug/l

RT: 13.59 min Scan# 3684

Delta R.T. -0.00 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

Instrument :

MSVOA\_N

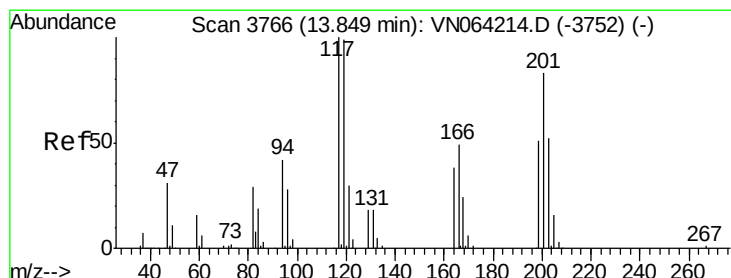
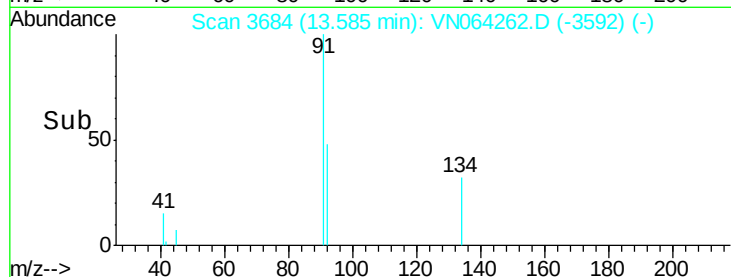
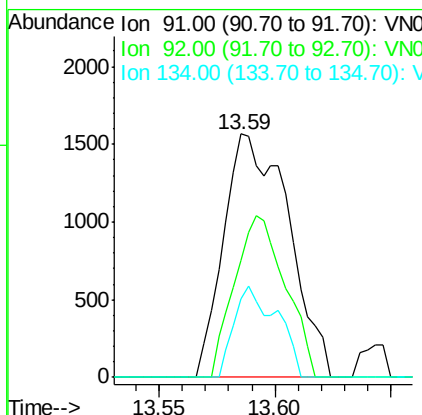
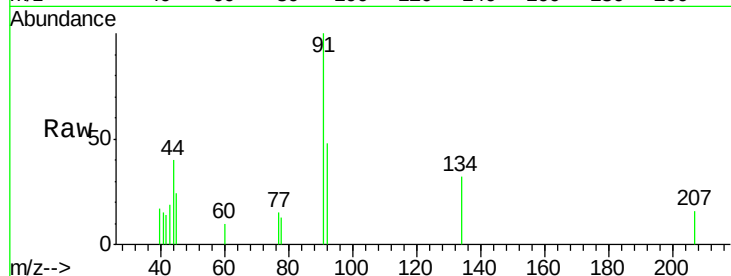
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 91    | Resp: | 3040  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 52.2  | 25.7  | 77.0  |
| 134      | 24.5  | 12.3  | 36.8  |

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#90

Hexachloroethane

Concen: 0.309 ug/l

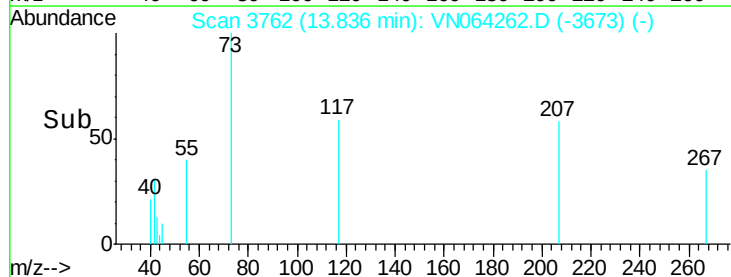
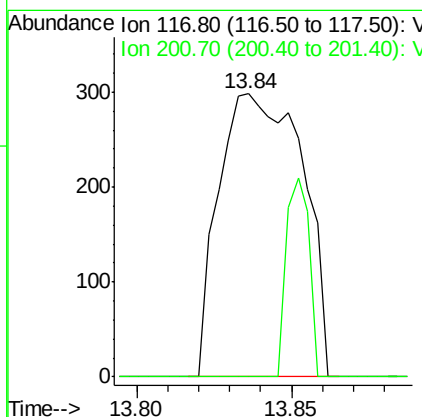
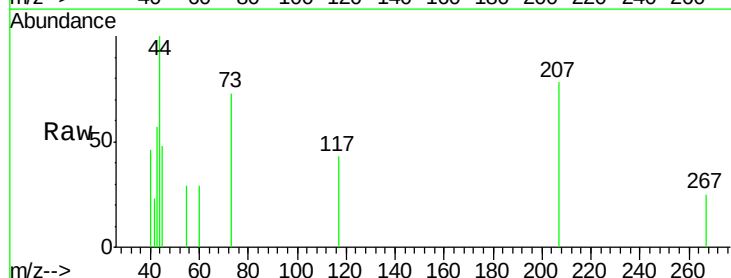
RT: 13.84 min Scan# 3762

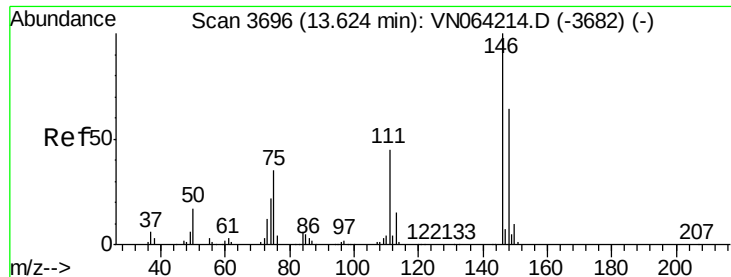
Delta R.T. -0.01 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 561    |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 201      | 19.3  | 40.1  | 120.3# |





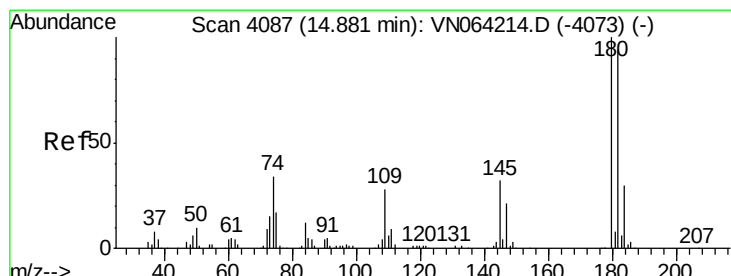
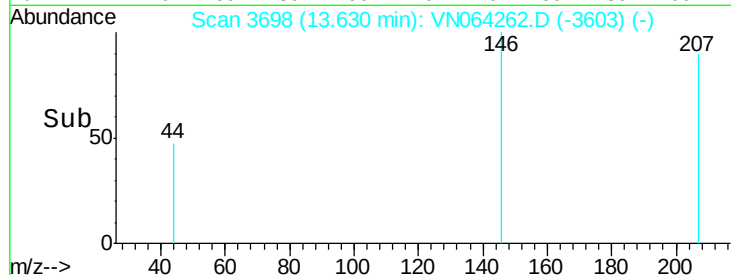
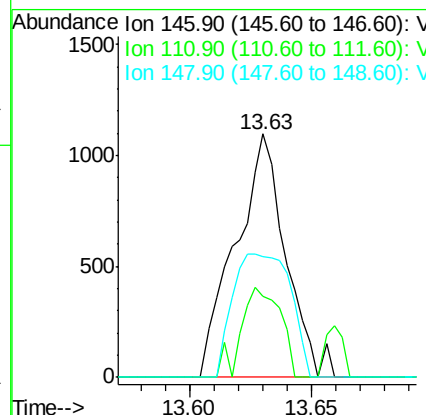
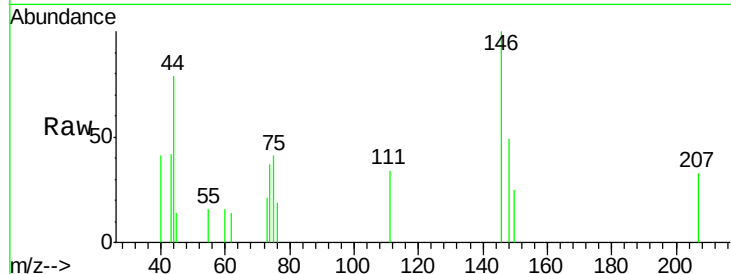
#91  
 1,2-Dichlorobenzene  
 Concen: 0.301 ug/l  
 RT: 13.63 min Scan# 3698  
 Delta R.T. 0.01 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 28.7  | 22.9  | 68.7  |
| 148     | 58.6  | 31.9  | 95.5  |

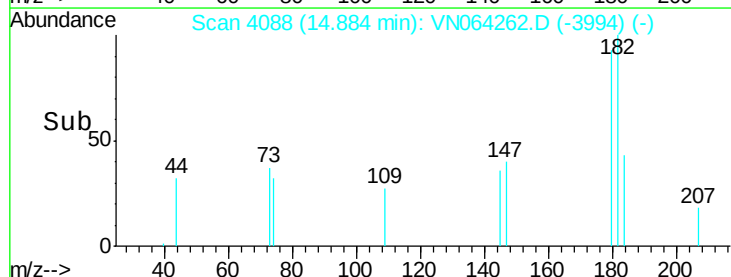
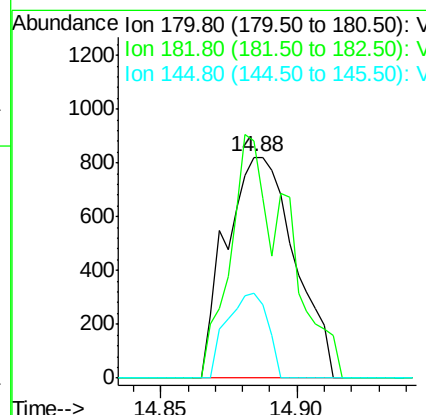
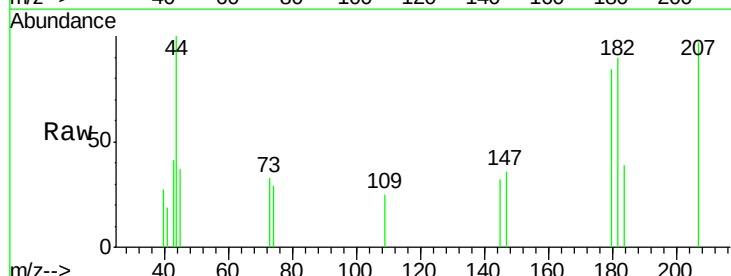
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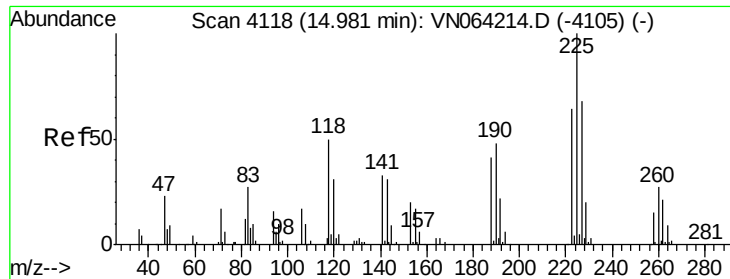
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 10/23/2020 3:37:30 PM



#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.490 ug/l  
 RT: 14.88 min Scan# 4088  
 Delta R.T. 0.00 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 59.3  | 46.9  | 140.7 |
| 145     | 23.1  | 16.1  | 48.3  |





#94

Hexachlorobutadiene

Concen: 0.907 ug/l

RT: 14.98 min Scan# 4118

Delta R.T. 0.00 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

Instrument :

MSVOA\_N

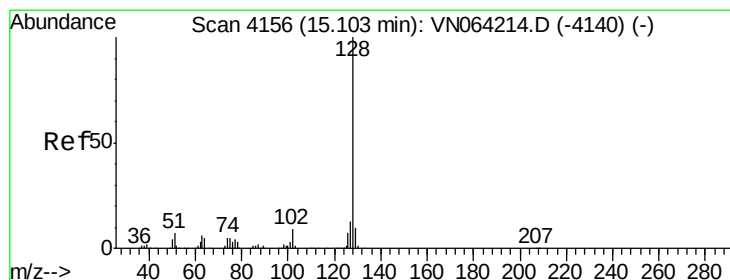
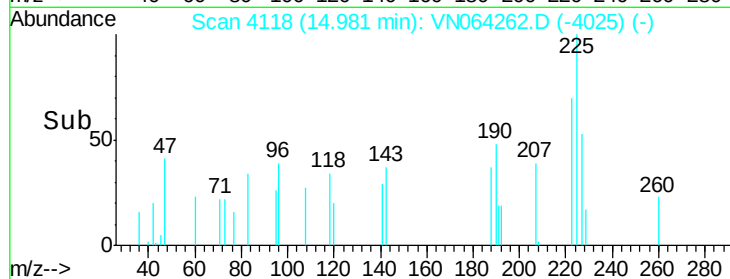
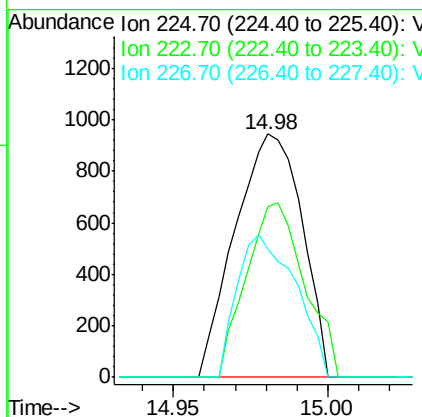
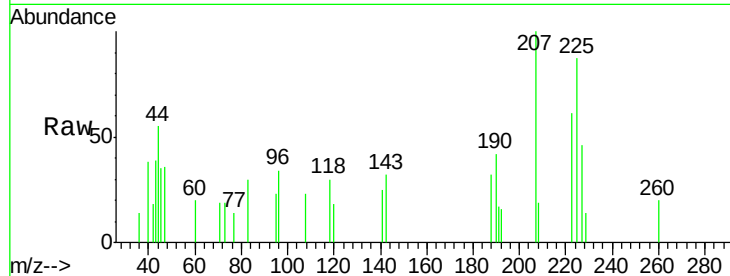
ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 225   | Resp: | 1425 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 62.2  | 31.5  | 94.5 |
| 227       | 51.1  | 32.1  | 96.5 |

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#95

Naphthalene

Concen: 0.594 ug/l

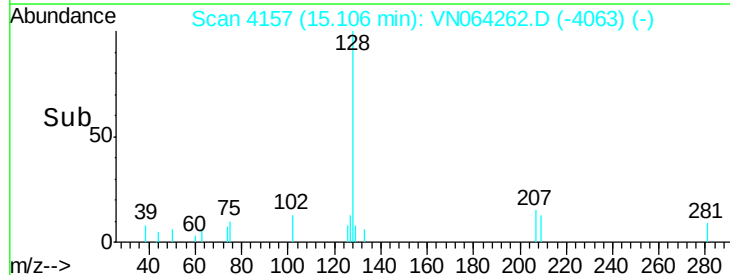
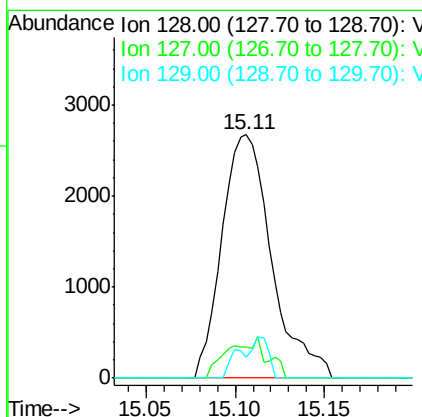
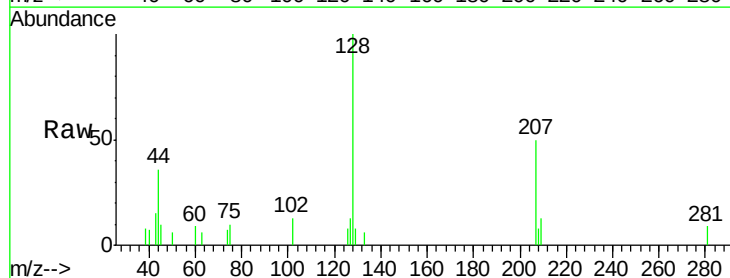
RT: 15.11 min Scan# 4157

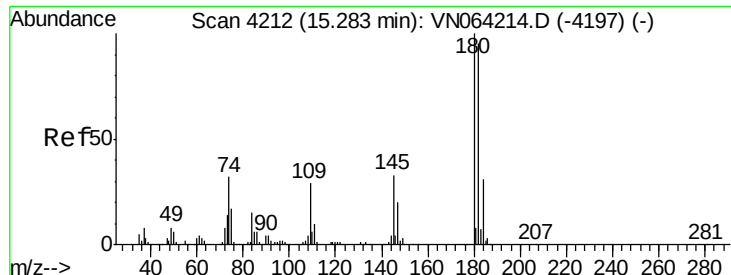
Delta R.T. 0.00 min

Lab File: VN064262.D

Acq: 22 Oct 2020 20:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 5181  |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 6.0   | 10.5  | 15.7# |
| 129       | 9.4   | 8.6   | 12.8  |





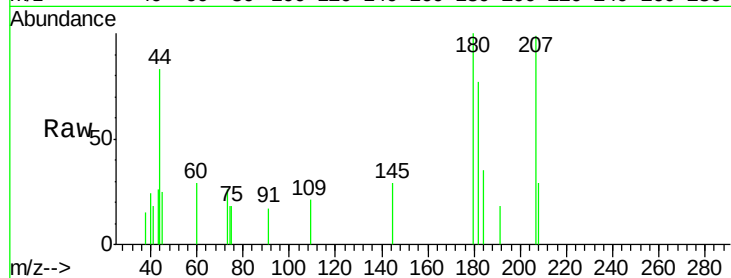
#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.566 ug/l  
 RT: 15.28 min Scan# 4212  
 Delta R.T. 0.00 min  
 Lab File: VN064262.D  
 Acq: 22 Oct 2020 20:04

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2020

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 66.2  | 48.0  | 144.2 |
| 145     | 32.2  | 17.1  | 51.3  |

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Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.90 (144.60 to 145.60): V

