

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050819\  
 Data File : VX009396.D  
 Acq On : 08 May 2019 14:23  
 Operator : JC/SP  
 Sample : K2241-07  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2019

Manual Integrations  
 APPROVED

MMDadoda  
 5/9/2019 9:49:29 AM

Quant Time: May 09 07:34:37 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 09 07:26:33 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 160001   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 259886   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 230802   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 105196   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 112482   | 51.50 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.00% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 82691    | 50.61 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.22% |      |
| 50) Toluene-d8            | 8.71   | 98  | 326831   | 49.55 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.10%  |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 113575   | 47.39 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.78%  |      |

## Target Compounds

|                               |      |     |       |        |        | Qvalue |
|-------------------------------|------|-----|-------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 3293  | 2.233  | ug/l   | 94     |
| 3) Chloromethane              | 1.33 | 50  | 4747  | 2.358  | ug/l   | 96     |
| 4) Vinyl Chloride             | 1.40 | 62  | 4782  | 2.436  | ug/l   | 98     |
| 5) Bromomethane               | 1.64 | 94  | 3125  | 2.652  | ug/l   | 99     |
| 6) Chloroethane               | 1.72 | 64  | 7332m | 5.818  | ug/l   |        |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 6122  | 2.566  | ug/l   | 99     |
| 8) Diethyl Ether              | 2.18 | 74  | 3025  | 2.676  | ug/l   | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 3890  | 2.596  | ug/l   | 95     |
| 10) Methyl Iodide             | 2.51 | 142 | 2809  | 1.817  | ug/l   | 97     |
| 11) Tert butyl alcohol        | 3.05 | 59  | 6901  | 13.649 | ug/l   | 97     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 3708  | 2.470  | ug/l   | 99     |
| 13) Acrolein                  | 2.29 | 56  | 300   | 0.655  | ug/l # | 20     |
| 14) Allyl chloride            | 2.73 | 41  | 8335  | 2.278  | ug/l   | 96     |
| 15) Acrylonitrile             | 3.14 | 53  | 16375 | 13.246 | ug/l   | 98     |
| 16) Acetone                   | 2.45 | 43  | 15876 | 13.536 | ug/l   | 94     |
| 17) Carbon Disulfide          | 2.57 | 76  | 9800  | 2.325  | ug/l   | 97     |
| 18) Methyl Acetate            | 2.78 | 43  | 8432  | 3.023  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 14985 | 2.570  | ug/l   | 97     |
| 20) Methylene Chloride        | 2.85 | 84  | 5020  | 2.644  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 4051  | 2.488  | ug/l   | 95     |
| 22) Diisopropyl ether         | 3.85 | 45  | 17921 | 2.547  | ug/l # | 86     |
| 23) Vinyl Acetate             | 3.82 | 43  | 72691 | 12.065 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 8997  | 2.592  | ug/l   | 98     |
| 25) 2-Butanone                | 4.68 | 43  | 23628 | 12.964 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 6428  | 2.488  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 4976  | 2.561  | ug/l   | 96     |
| 29) Tetrahydrofuran           | 5.13 | 42  | 15262 | 13.013 | ug/l   | 95     |
| 30) Chloroform                | 5.21 | 83  | 8228  | 2.621  | ug/l   | 96     |
| 31) Cyclohexane               | 5.58 | 56  | 7969  | 2.468  | ug/l # | 93     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 7038  | 2.693  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 5.81 | 75  | 6145  | 2.544  | ug/l   | 98     |
| 37) Ethyl Acetate             | 4.84 | 43  | 8620  | 2.562  | ug/l # | 92     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 5383  | 2.453  | ug/l   | 86     |
| 39) Methylcyclohexane         | 7.46 | 83  | 6919  | 2.333  | ug/l   | 97     |

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 ALS Vial : 8 Sample Multiplier: 1

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 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2019

Manual Integrations  
 APPROVED

MMDadoda  
 5/9/2019 9:49:29 AM

Quant Time: May 09 07:34:37 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 09 07:26:33 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 40) Benzene                    | 6.14  | 78   | 18220    | 2.438  | ug/l # | 90       |
| 41) Methacrylonitrile          | 5.06  | 41   | 4897     | 2.445  | ug/l # | 95       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 7412     | 2.764  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 6.45  | 43   | 13700    | 2.545  | ug/l   | 97       |
| 44) Trichloroethene            | 7.21  | 130  | 4452     | 2.464  | ug/l   | 79       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 5587     | 2.640  | ug/l   | 95       |
| 46) Dibromomethane             | 7.66  | 93   | 3076     | 2.503  | ug/l   | 96       |
| 47) Bromodichloromethane       | 7.90  | 83   | 5998     | 2.447  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 7052     | 2.641  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 2726     | 50.336 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 44259    | 12.580 | ug/l   | 100      |
| 52) Toluene                    | 8.79  | 92   | 11379    | 2.504  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 6248     | 2.257  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 6766     | 2.208  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 5004     | 2.700  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 8267     | 2.498  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 8154     | 2.500  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 380      | 0.216  | ug/l # | 51       |
| 59) 2-Hexanone                 | 9.49  | 43   | 34076    | 12.333 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.58  | 129  | 4143     | 2.288  | ug/l   | 91       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 4694     | 2.509  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 3962     | 2.503  | ug/l   | 94       |
| 65) Chlorobenzene              | 10.14 | 112  | 11827    | 2.562  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 4157     | 2.483  | ug/l   | 96       |
| 67) Ethyl Benzene              | 10.25 | 91   | 20982    | 2.469  | ug/l   | 97       |
| 68) m/p-Xylenes                | 10.36 | 106  | 14938    | 4.811  | ug/l   | 98       |
| 69) o-Xylene                   | 10.70 | 106  | 7441     | 2.429  | ug/l   | 98       |
| 70) Stvrene                    | 10.71 | 104  | 12422    | 2.333  | ug/l   | 98       |
| 71) Bromoform                  | 10.85 | 173  | 3083     | 2.266  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.02 | 105  | 19915    | 2.603  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 10571    | 2.370  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 8062     | 2.827  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 6340m    | 2.598  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 5152     | 2.713  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 20851    | 2.387  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 14216    | 2.638  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 16319    | 2.534  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 1812     | 1.900  | ug/l # | 69       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 15764    | 2.589  | ug/l   | 96       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 15892    | 2.536  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 16521    | 2.555  | ug/l   | 97       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 19003    | 2.558  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 16401    | 2.456  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 8729     | 2.579  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 8627     | 2.528  | ug/l   | 84       |
| 89) n-Butylbenzene             | 12.38 | 91   | 13554    | 2.245  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.59 | 117  | 2744     | 2.412  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 9047     | 2.624  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 1769     | 2.765  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene     | 13.64 | 180  | 6157     | 2.612  | ug/l   | 97       |

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Sample : K2241-07  
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ALS Vial : 8 Sample Multiplier: 1

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MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2019

Manual Integrations  
APPROVED

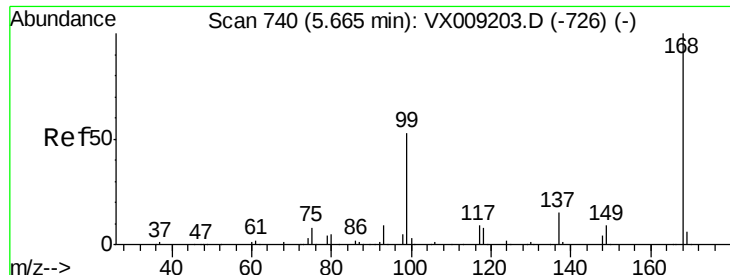
MMDadoda  
5/9/2019 9:49:29 AM

Quant Time: May 09 07:34:37 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 09 07:26:33 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 94) Hexachlorobutadiene    | 13.78 | 225  | 3017     | 2.506 | ug/l  | 97       |
| 95) Naphthalene            | 13.83 | 128  | 19759    | 2.576 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 6450     | 2.699 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:168 Resp: 160001

Ion Ratio Lower Upper

168 100

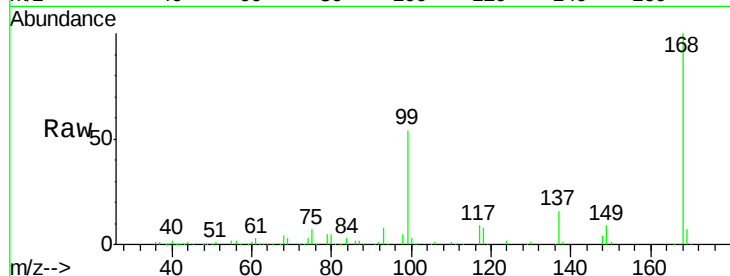
99 54.2 42.3 63.5

Manual Integrations

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5/9/2019 9:49:29 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

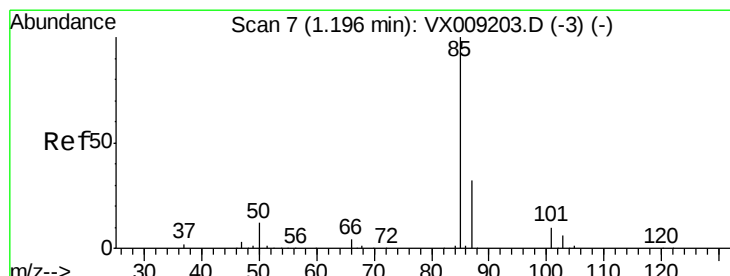
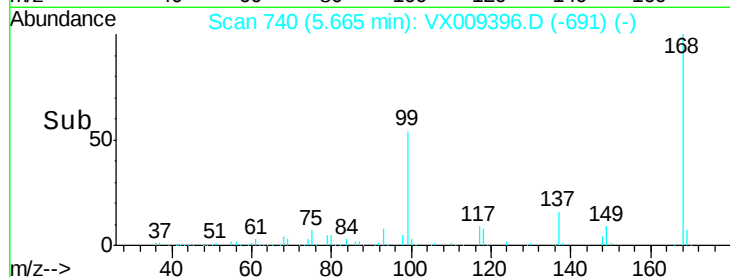
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 2.233 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009396.D

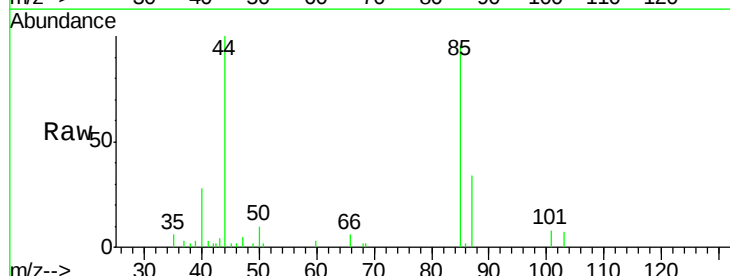
Acq: 08 May 2019 14:23

Tgt Ion: 85 Resp: 3293

Ion Ratio Lower Upper

85 100

87 35.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

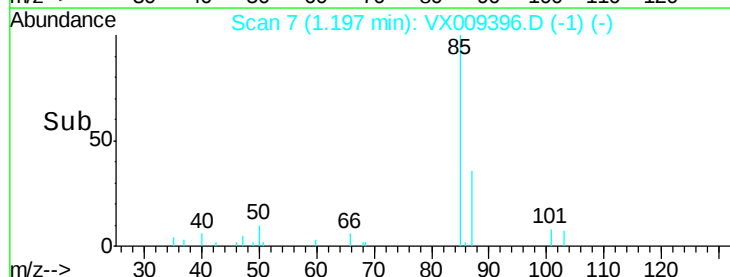
3000

2000

1000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 2.358 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 50 Resp: 4747

Ion Ratio Lower Upper

50 100

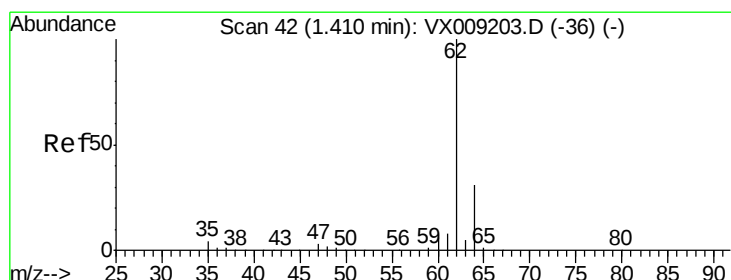
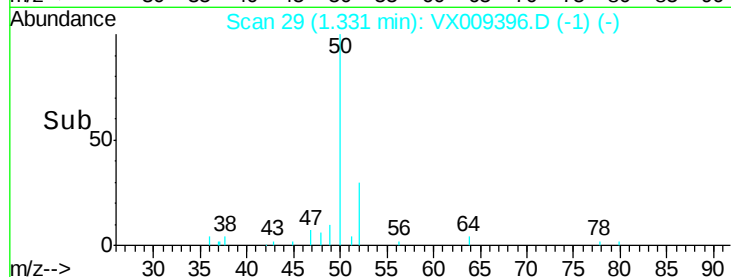
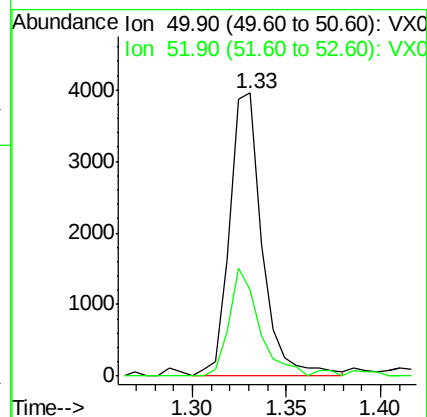
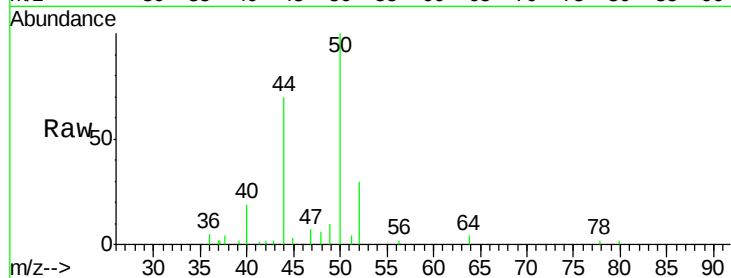
52 30.3 25.9 38.9

Manual Integrations

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5/9/2019 9:49:29 AM



#4

Vinyl Chloride

Concen: 2.436 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009396.D

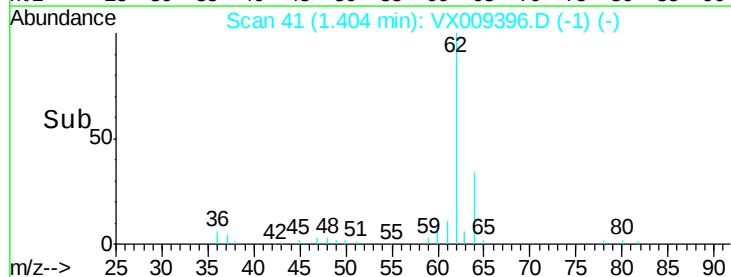
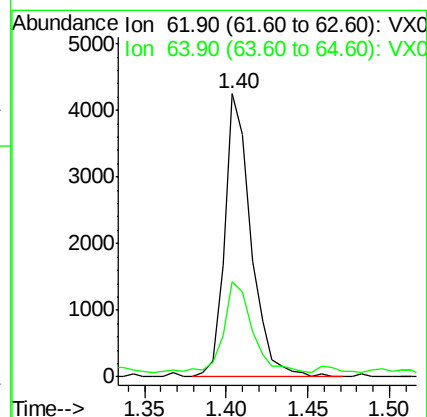
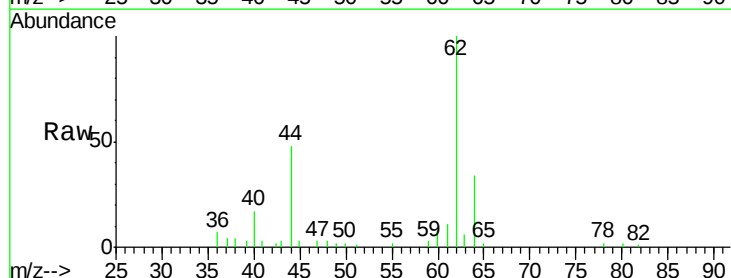
Acq: 08 May 2019 14:23

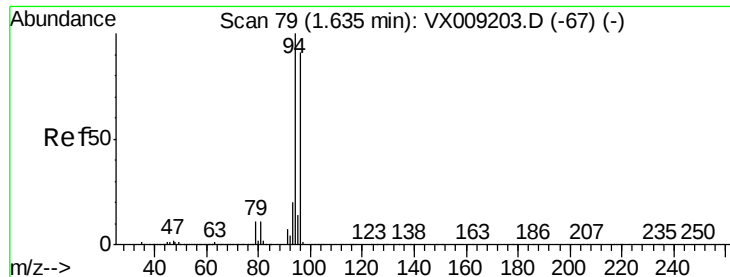
Tgt Ion: 62 Resp: 4782

Ion Ratio Lower Upper

62 100

64 31.9 24.6 36.8





#5

Bromomethane

Concen: 2.652 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 94 Resp: 3125

Ion Ratio Lower Upper

94 100

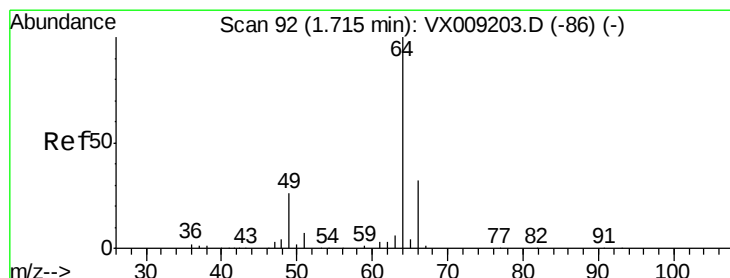
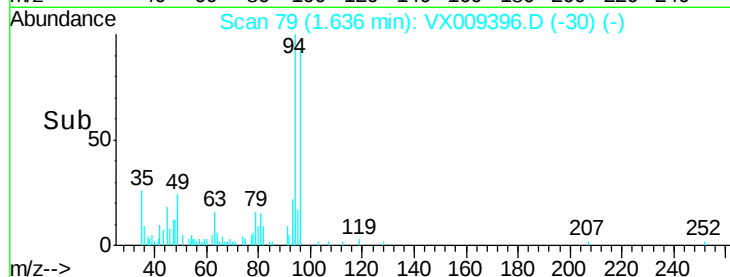
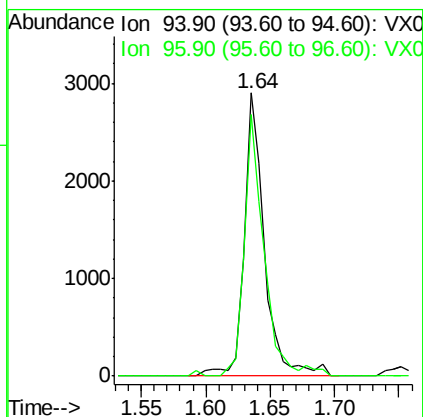
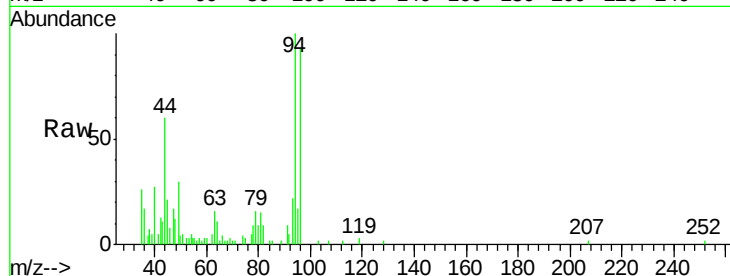
96 92.6 73.0 109.6

Manual Integrations

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5/9/2019 9:49:29 AM



#6

Chloroethane

Concen: 5.818 ug/l m

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009396.D

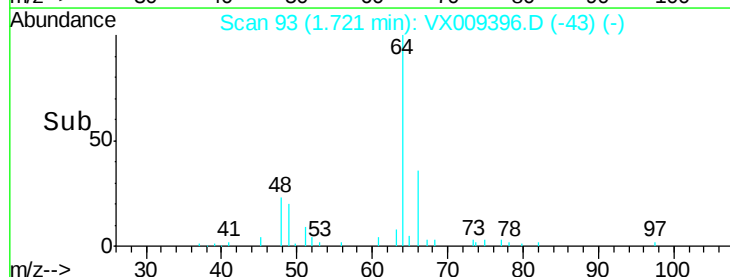
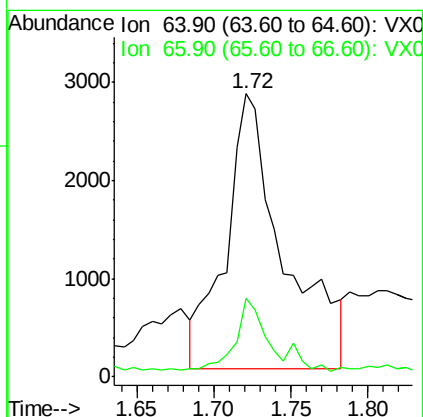
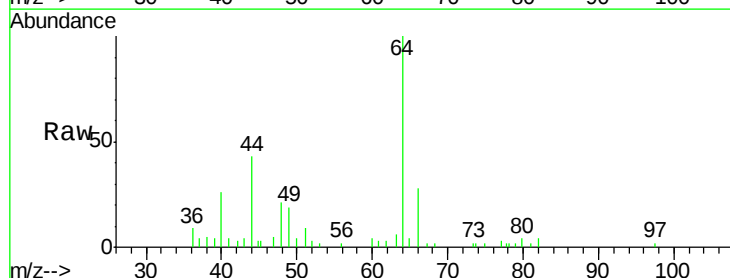
Acq: 08 May 2019 14:23

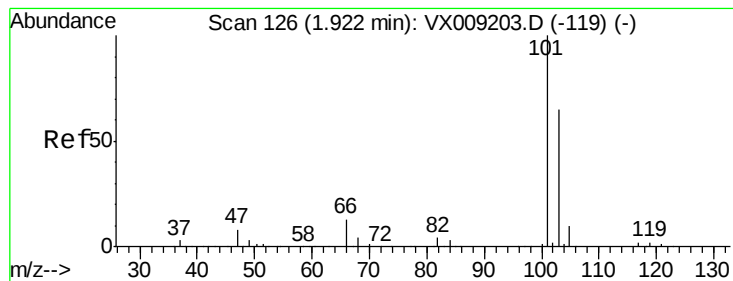
Tgt Ion: 64 Resp: 7332

Ion Ratio Lower Upper

64 100

66 27.7 25.3 37.9





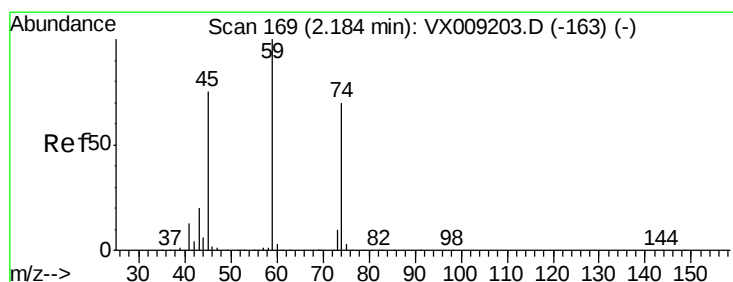
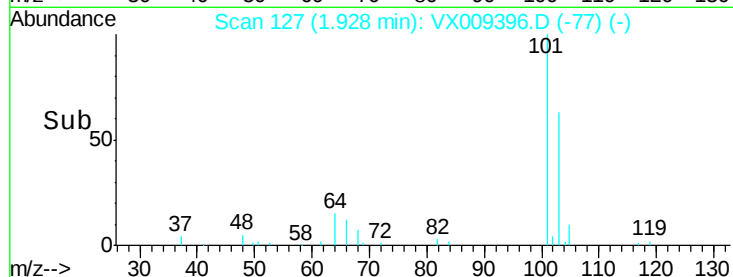
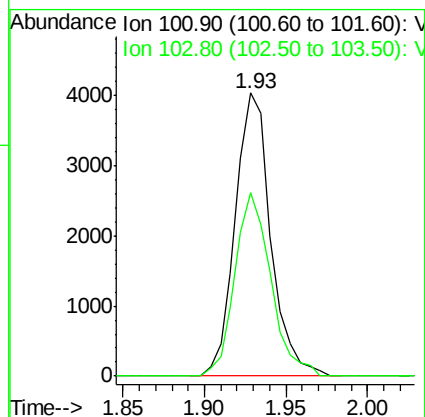
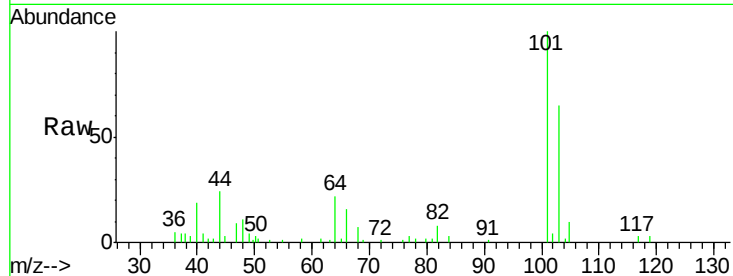
#7  
 Trichlorofluoromethane  
 Concen: 2.566 ug/l  
 RT: 1.93 min Scan# 127  
 Delta R.T. 0.01 min  
 Lab File: VX009396.D  
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Instrument :  
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 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2019

Tot Ion:101 Resp: 6122  
 Ion Ratio Lower Upper  
 101 100  
 103 64.6 52.4 78.6

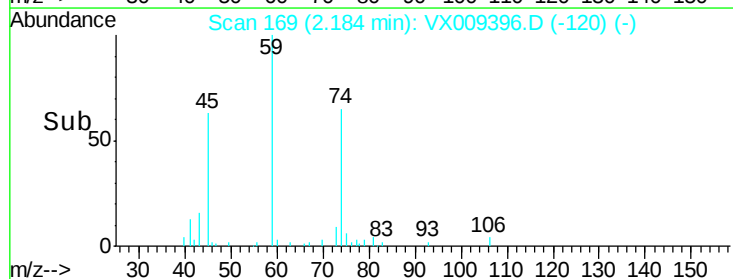
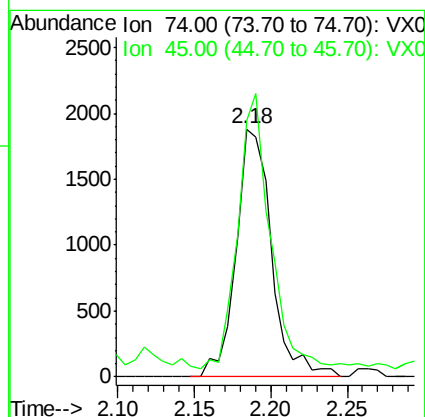
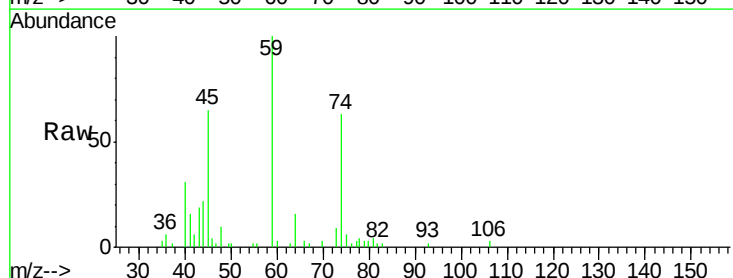
Manual Integrations  
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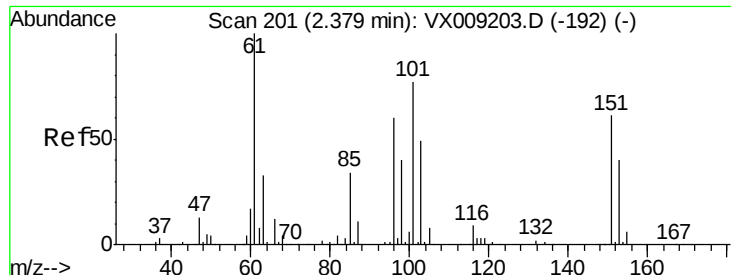
MMDadoda  
 5/9/2019 9:49:29 AM



#8  
 Diethyl Ether  
 Concen: 2.676 ug/l  
 RT: 2.18 min Scan# 169  
 Delta R.T. 0.00 min  
 Lab File: VX009396.D  
 Acq: 08 May 2019 14:23

Tgt Ion: 74 Resp: 3025  
 Ion Ratio Lower Upper  
 74 100  
 45 99.6 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.596 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

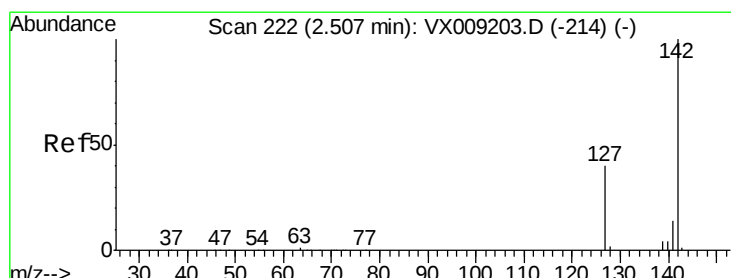
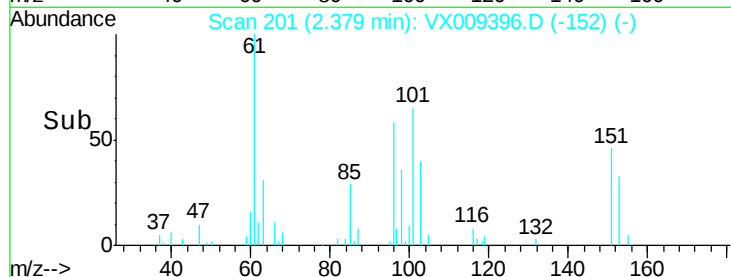
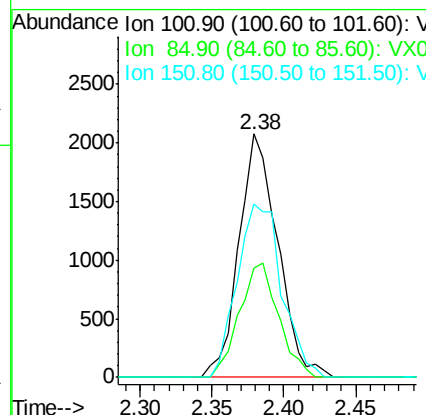
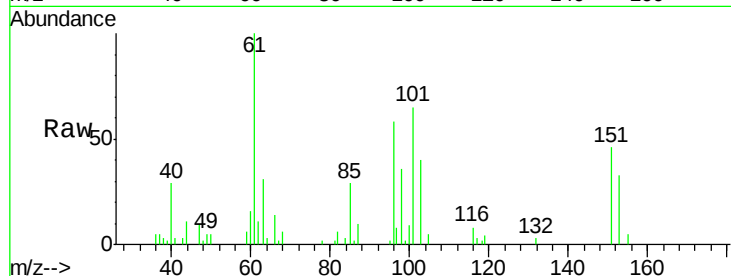
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 101   | Resp: | 3890 |
| Ion Ratio | Lower | Upper |      |
| 101       | 100   |       |      |
| 85        | 47.6  | 35.7  | 53.5 |
| 151       | 82.0  | 62.2  | 93.2 |

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#10

Methyl Iodide

Concen: 1.817 ug/l

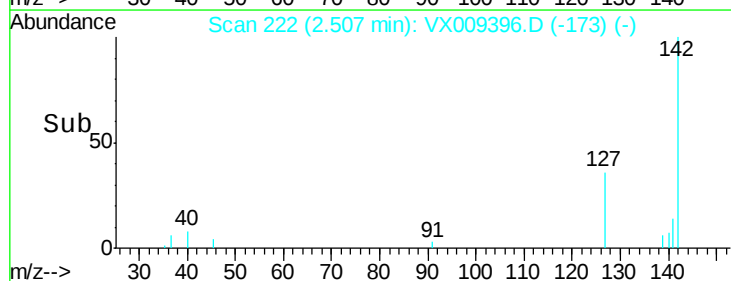
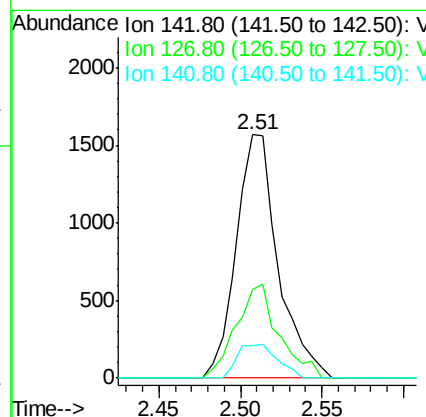
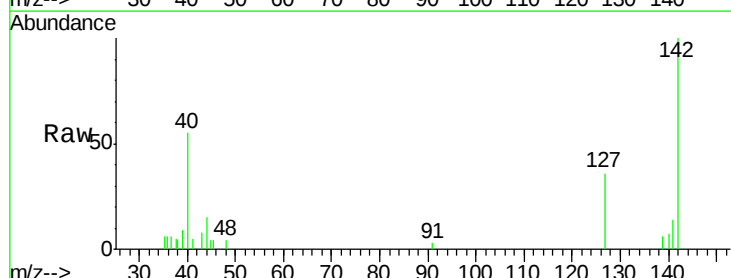
RT: 2.51 min Scan# 222

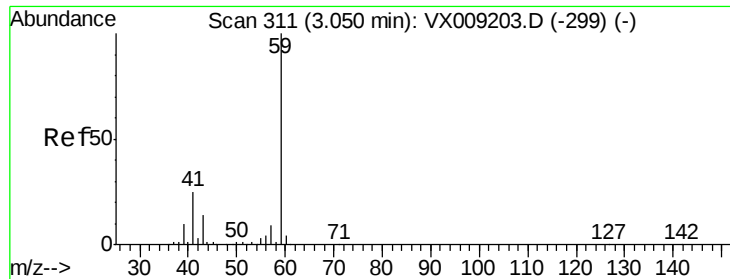
Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 142   | Resp: | 2809 |
| Ion Ratio | Lower | Upper |      |
| 142       | 100   |       |      |
| 127       | 39.4  | 32.7  | 49.1 |
| 141       | 13.2  | 11.5  | 17.3 |





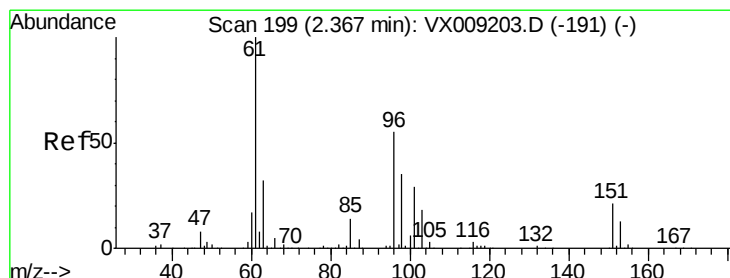
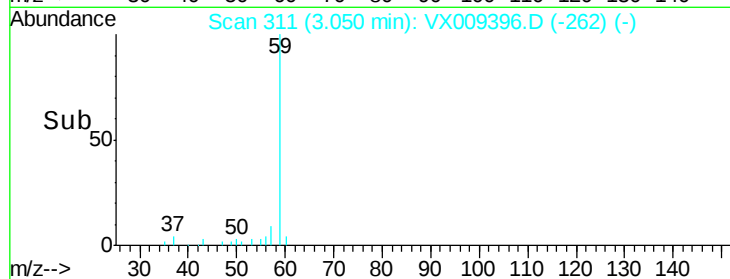
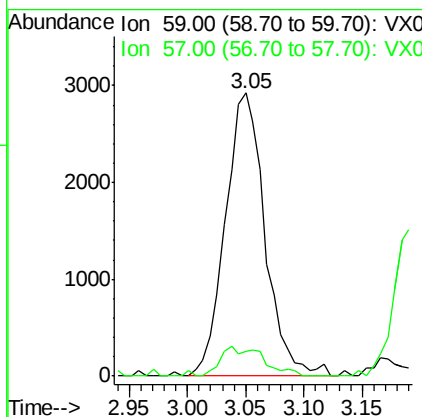
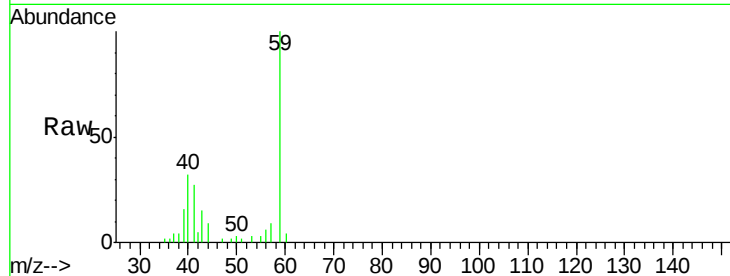
#11  
Tert butyl alcohol  
Concen: 13.649 ug/l  
RT: 3.05 min Scan# 311  
Delta R.T. 0.00 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 11.2  | 8.2   | 12.2  |

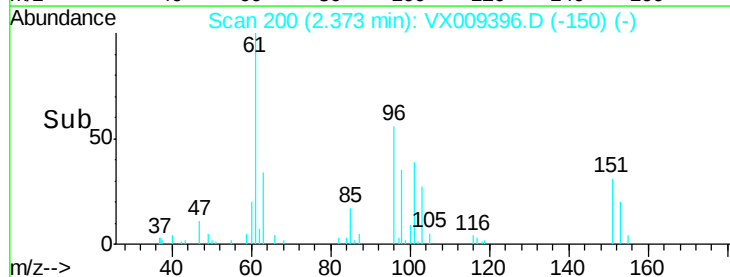
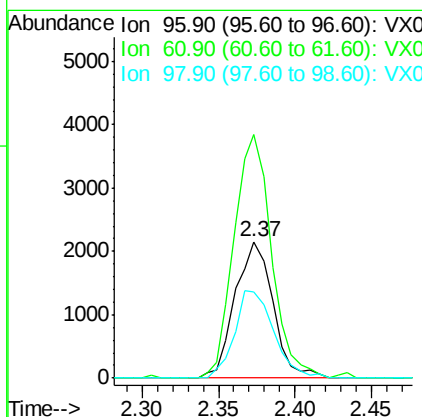
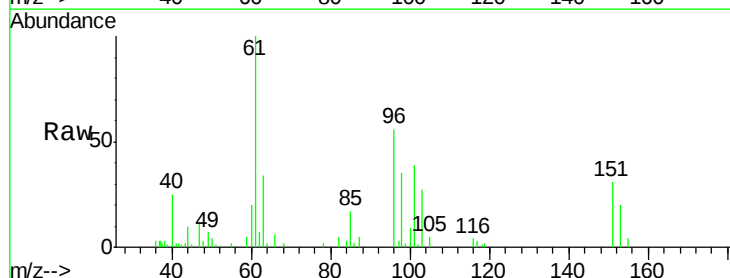
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#12  
1,1-Dichloroethene  
Concen: 2.470 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. 0.01 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 178.2 | 144.3 | 216.5 |
| 98      | 62.7  | 50.3  | 75.5  |





#13

Acrolein

Concen: 0.655 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 56 Resp: 300

Ion Ratio Lower Upper

56 100

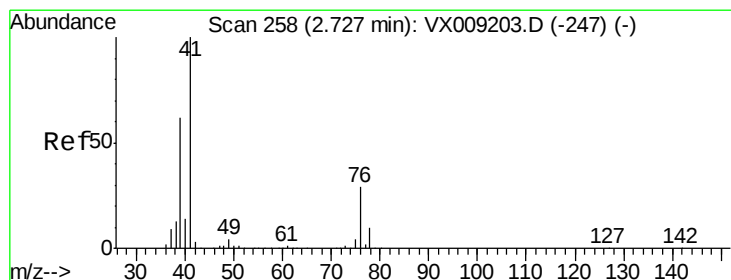
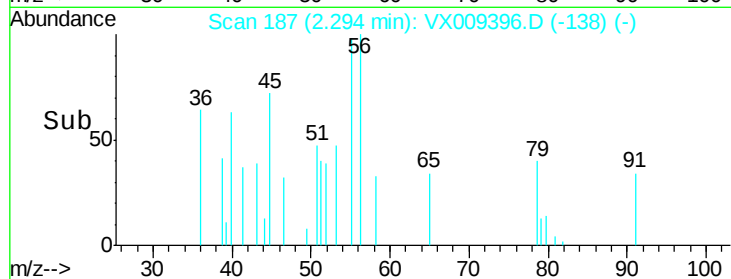
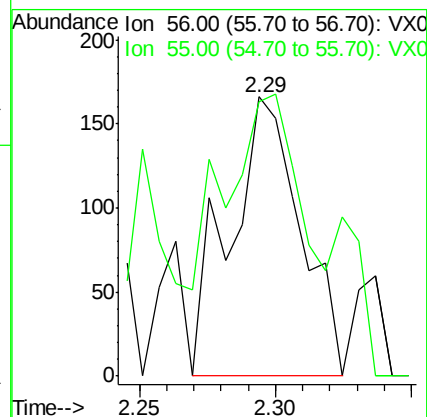
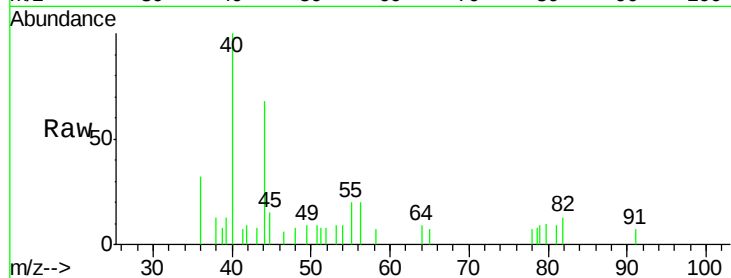
55 136.7 56.6 85.0#

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#14

Allyl chloride

Concen: 2.278 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

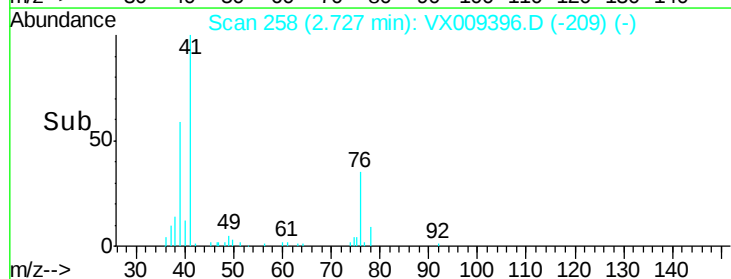
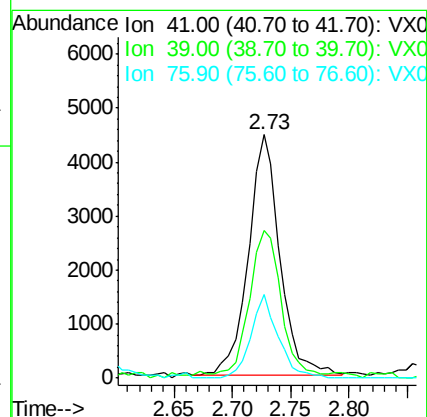
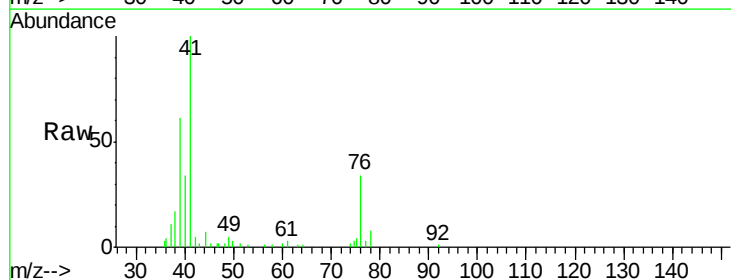
Tgt Ion: 41 Resp: 8335

Ion Ratio Lower Upper

41 100

39 60.1 46.7 70.1

76 30.7 21.8 32.8





#15

Acrylonitrile

Concen: 13.246 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

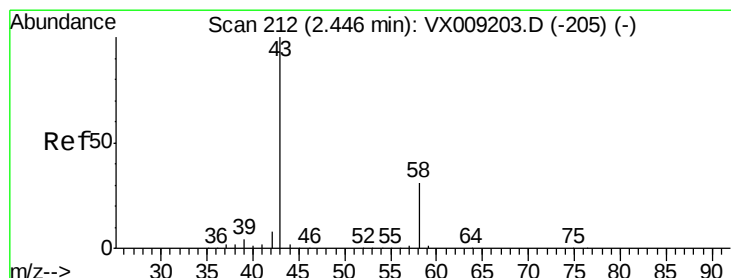
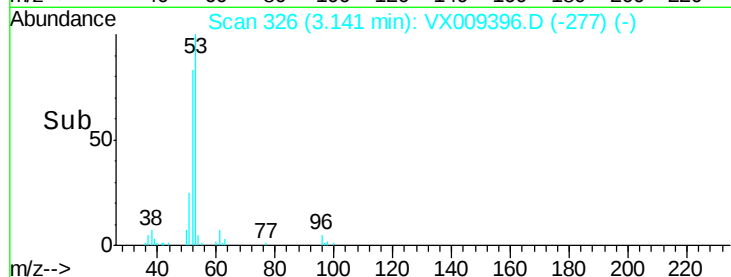
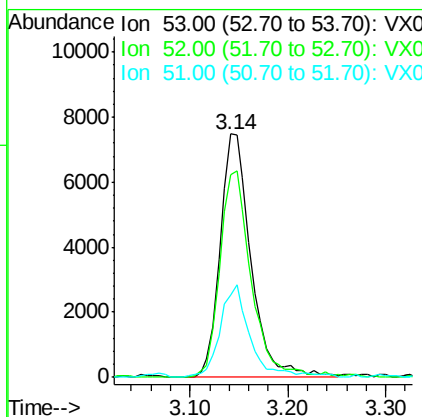
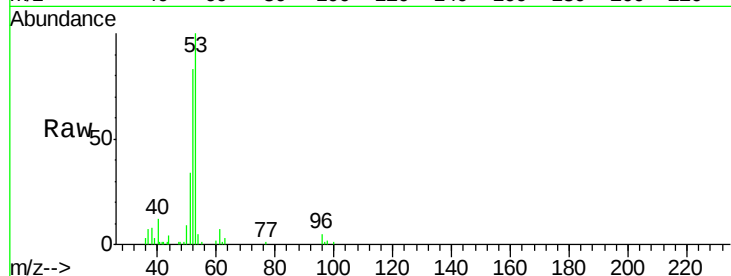
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 16375 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 85.7  | 66.9  | 100.3 |
| 51       | 35.7  | 28.2  | 42.2  |

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#16

Acetone

Concen: 13.536 ug/l

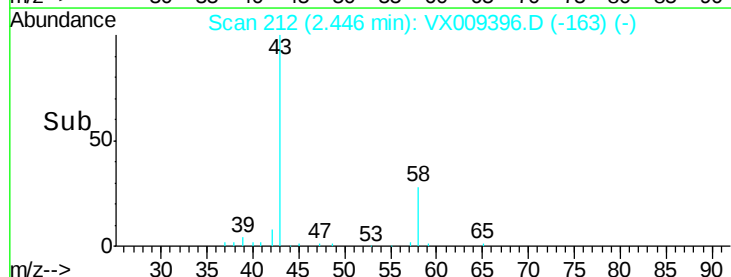
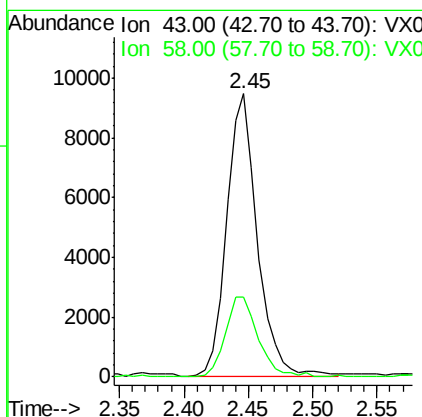
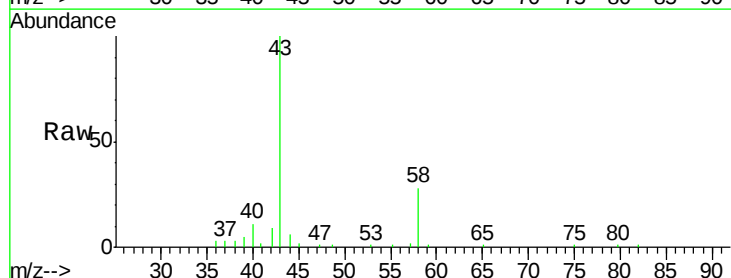
RT: 2.45 min Scan# 212

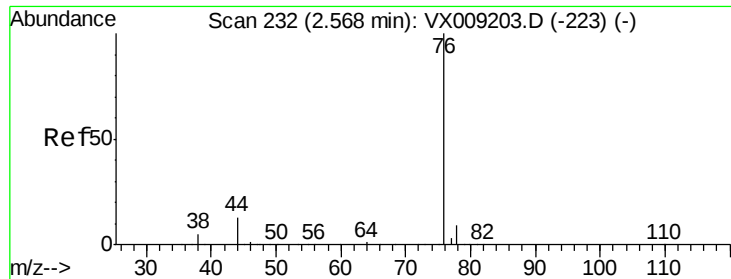
Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 15876 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 28.0  | 24.9  | 37.3  |





#17

Carbon Disulfide

Concen: 2.325 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 76 Resp: 9800

Ion Ratio Lower Upper

76 100

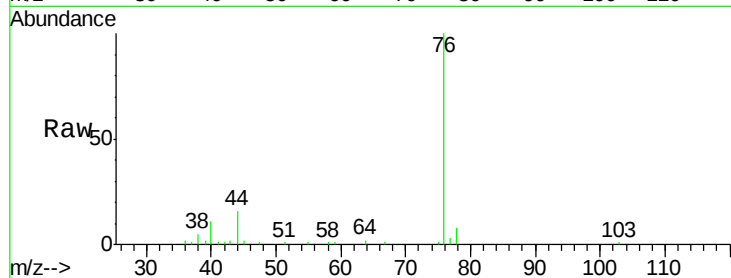
78 8.0 7.4 11.0

Manual Integrations

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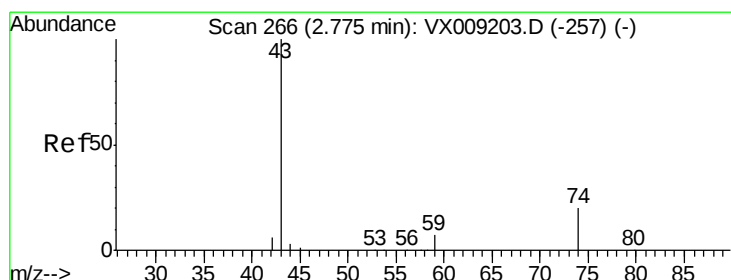
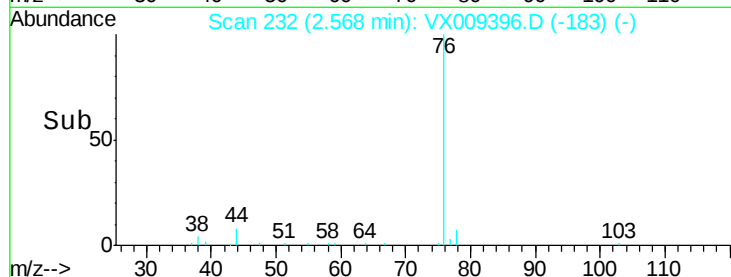
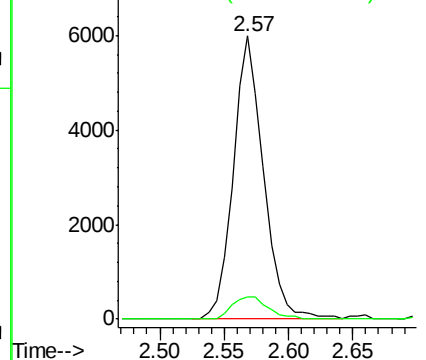
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 3.023 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009396.D

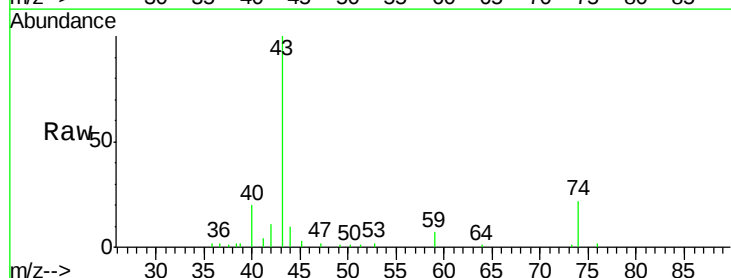
Acq: 08 May 2019 14:23

Tgt Ion: 43 Resp: 8432

Ion Ratio Lower Upper

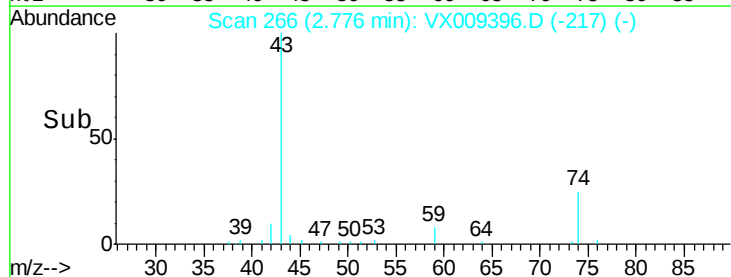
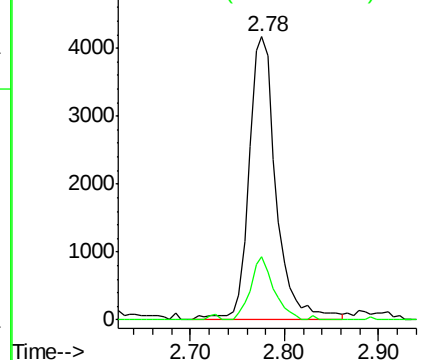
43 100

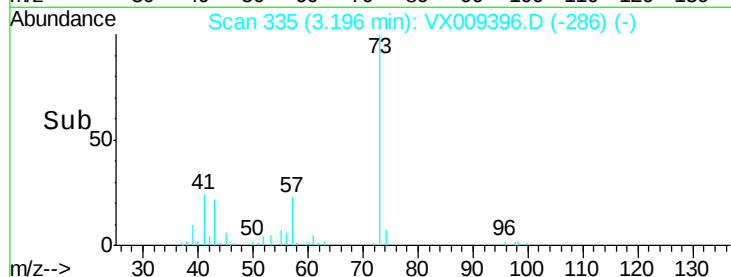
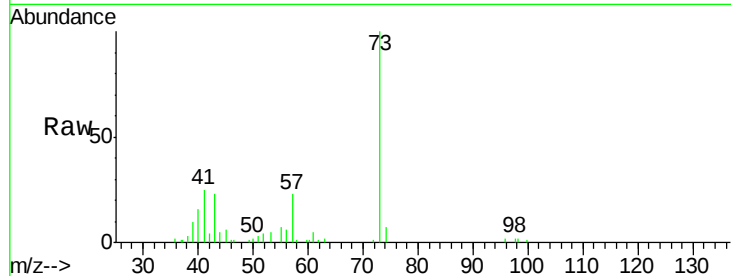
74 19.0 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





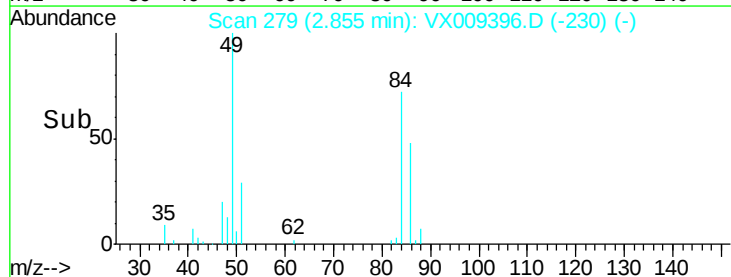
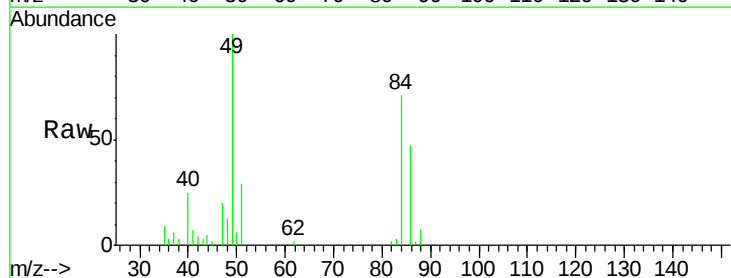
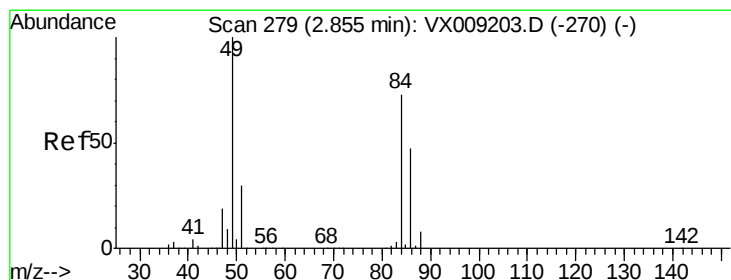
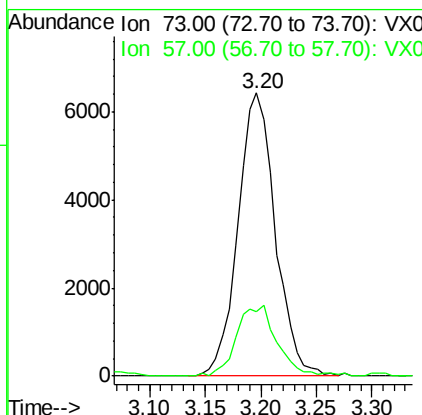
#19  
Methyl tert-butyl Ether  
Concen: 2.570 ug/l  
RT: 3.20 min Scan# 335  
Delta R.T. 0.00 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.8  | 19.3  | 28.9  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2019

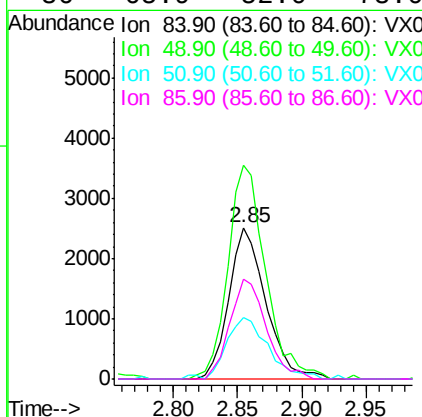
Manual Integrations  
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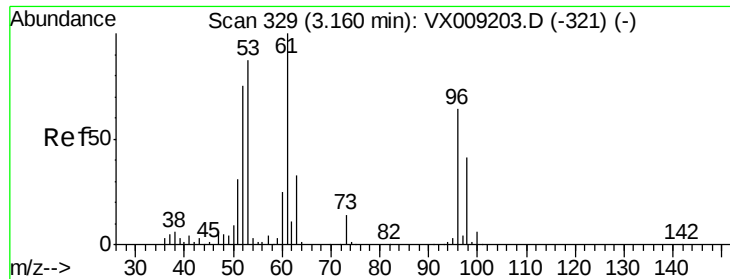
MMDadoda  
5/9/2019 9:49:29 AM



#20  
Methylene Chloride  
Concen: 2.644 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 141.0 | 109.9 | 164.9 |
| 51      | 37.9  | 32.7  | 49.1  |
| 86      | 65.9  | 52.0  | 78.0  |





#21

trans-1,2-Dichloroethene

Concen: 2.488 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

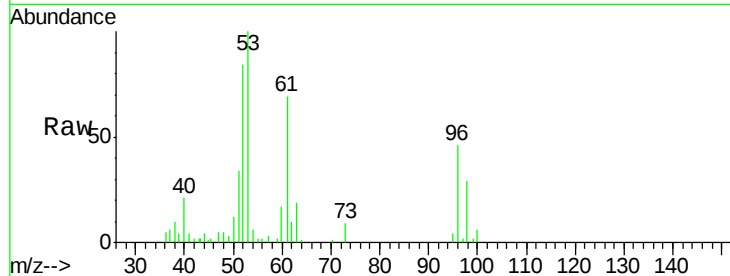
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

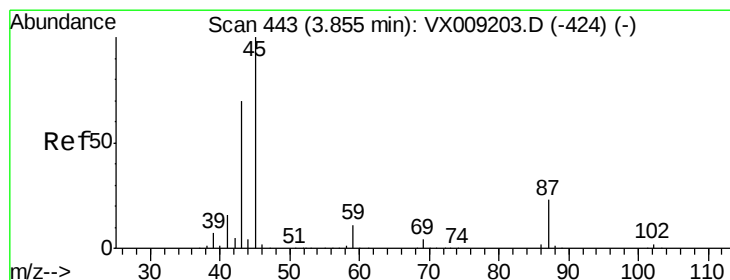
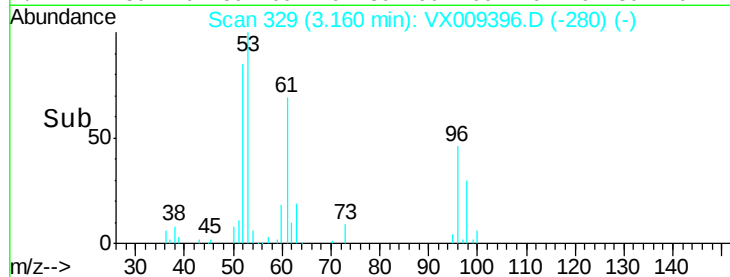
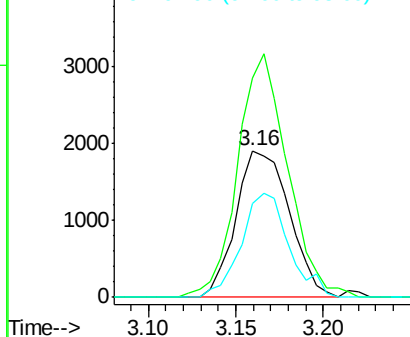
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 4051  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 146.4 | 124.5 | 186.7 |
| 98       | 63.9  | 50.4  | 75.6  |

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Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 2.547 ug/l

RT: 3.85 min Scan# 443

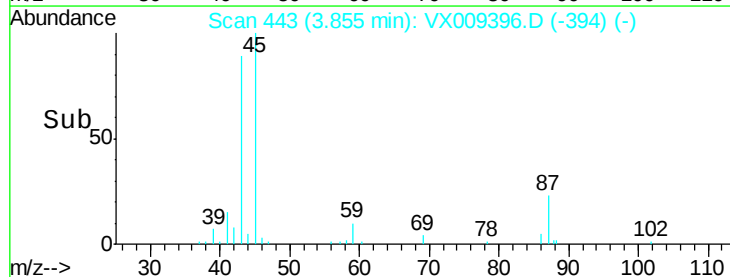
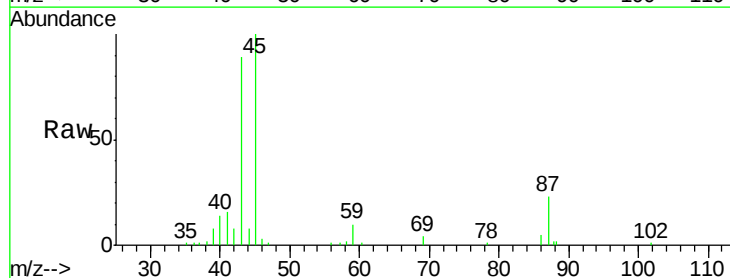
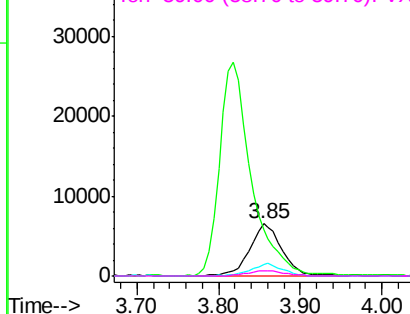
Delta R.T. 0.00 min

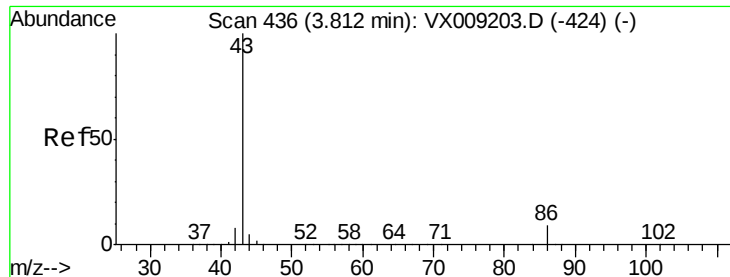
Lab File: VX009396.D

Acq: 08 May 2019 14:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 17921 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 87.2  | 56.1  | 84.1# |
| 87       | 23.0  | 18.1  | 27.1  |
| 59       | 10.4  | 8.5   | 12.7  |

Abundance Ion 45.00 (44.70 to 45.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 87.00 (86.70 to 87.70): VX0  
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 12.065 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 43 Resp: 72691

Ion Ratio Lower Upper

43 100

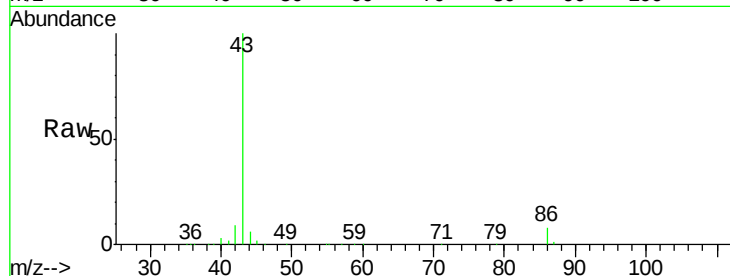
86 8.4 6.9 10.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

30000

25000

20000

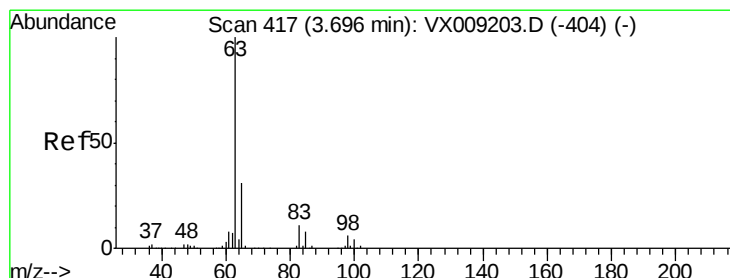
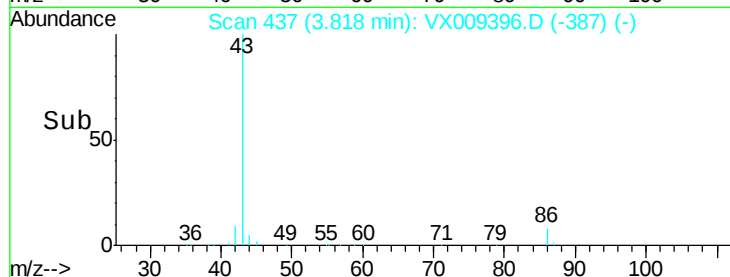
15000

10000

5000

0

Time-->



#24

1,1-Dichloroethane

Concen: 2.592 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

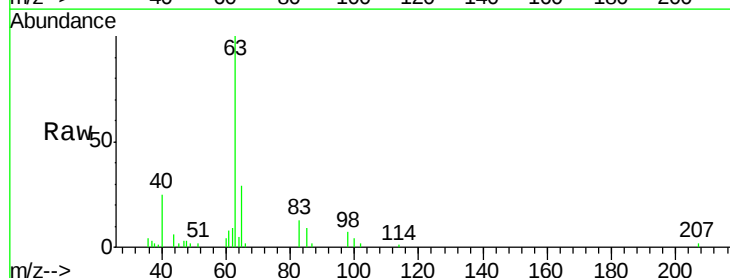
Tgt Ion: 63 Resp: 8997

Ion Ratio Lower Upper

63 100

98 7.3 3.0 9.2

100 3.8 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

5000

4000

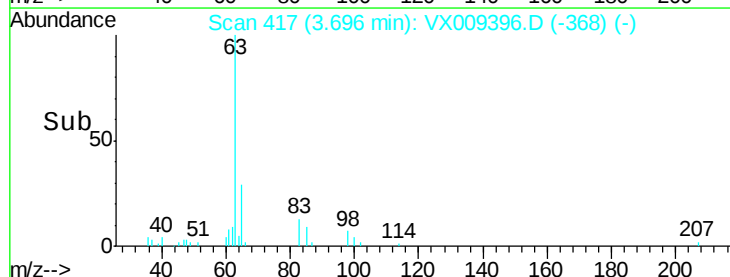
3000

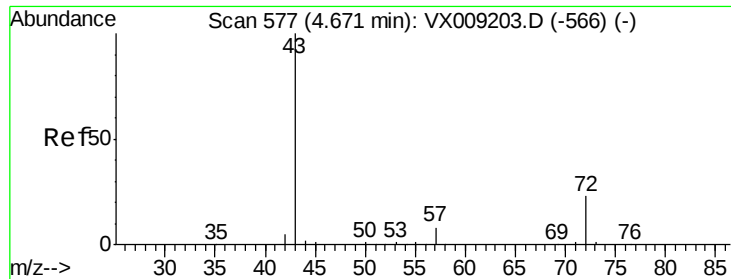
2000

1000

0

Time-->





#25

2-Butanone

Concen: 12.964 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 43 Resp: 23628

Ion Ratio Lower Upper

43 100

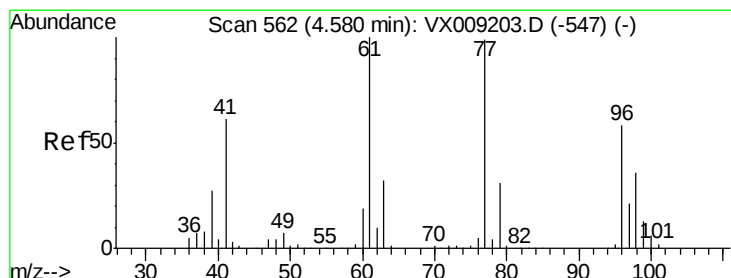
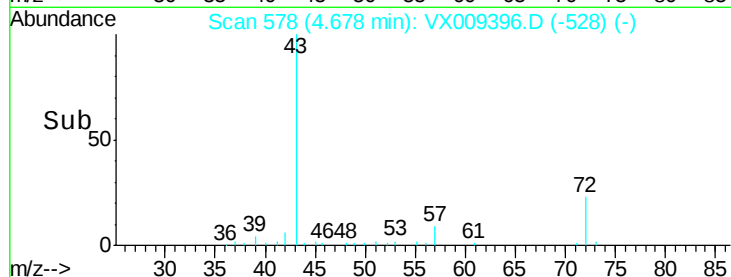
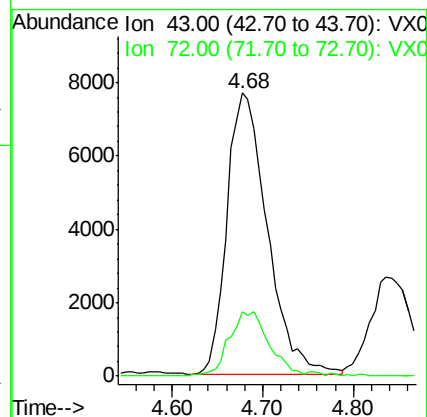
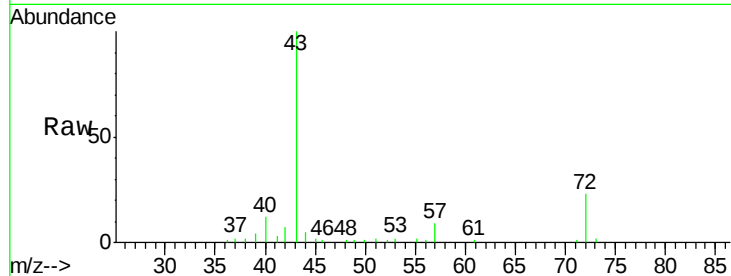
72 23.2 18.2 27.2

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#26

2,2-Dichloropropane

Concen: 2.488 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009396.D

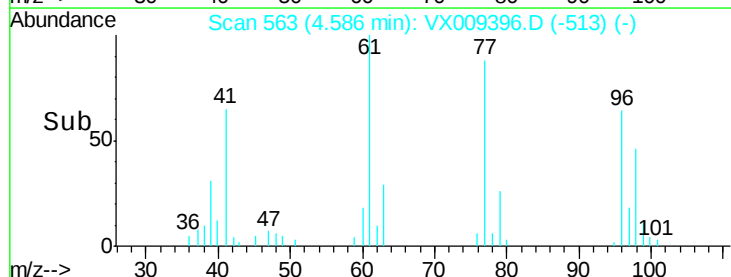
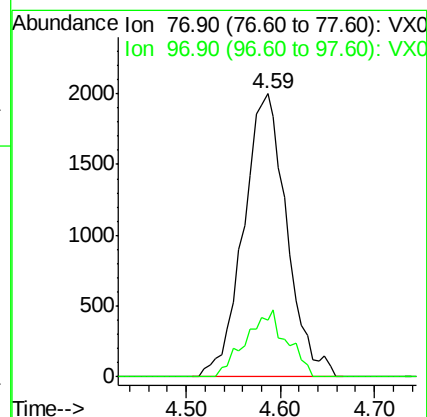
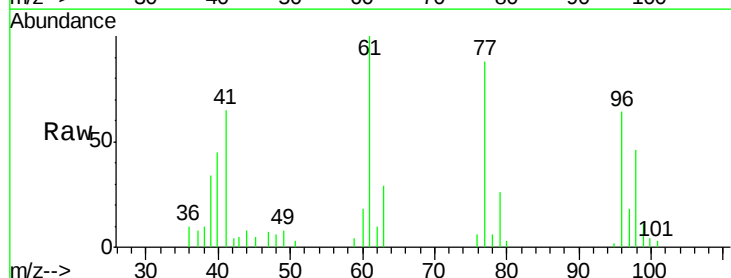
Acq: 08 May 2019 14:23

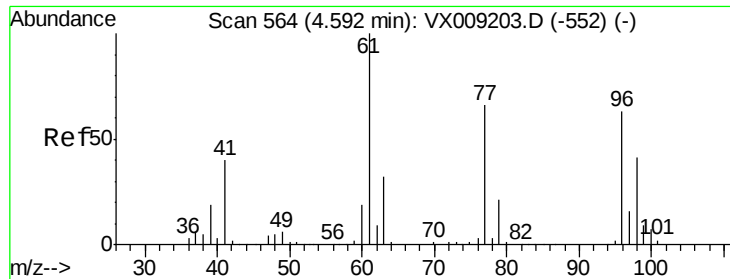
Tgt Ion: 77 Resp: 6428

Ion Ratio Lower Upper

77 100

97 22.3 11.5 34.4





#27

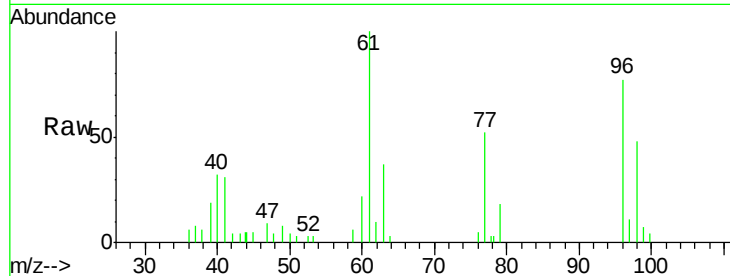
cis-1,2-Dichloroethene  
Concen: 2.561 ug/l  
RT: 4.60 min Scan# 566  
Delta R.T. 0.01 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2019

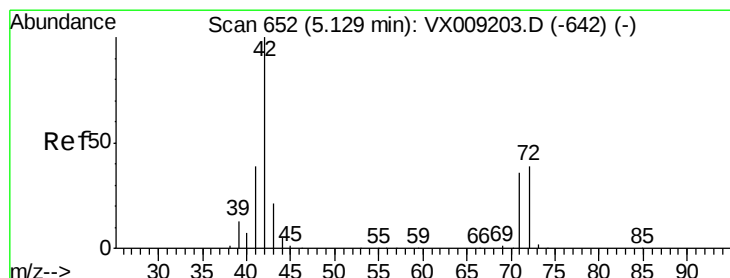
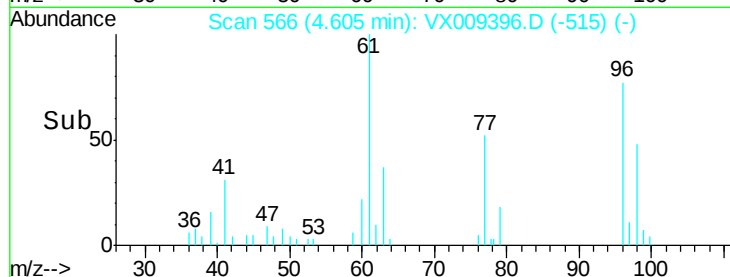
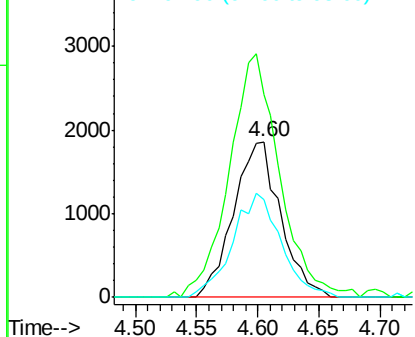
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   | 4976 |       |       |
| 61      | 167.4 |      | 0.0   | 324.0 |
| 98      | 69.0  |      | 0.0   | 130.4 |

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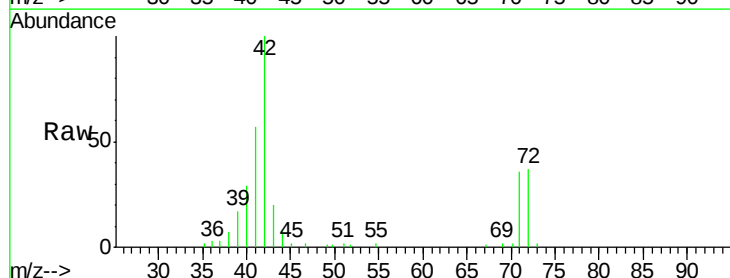
Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



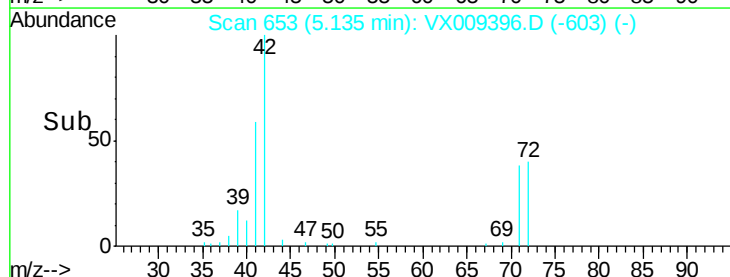
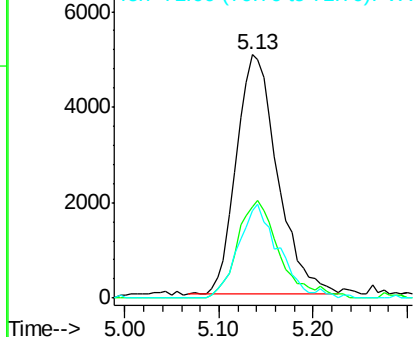
#29

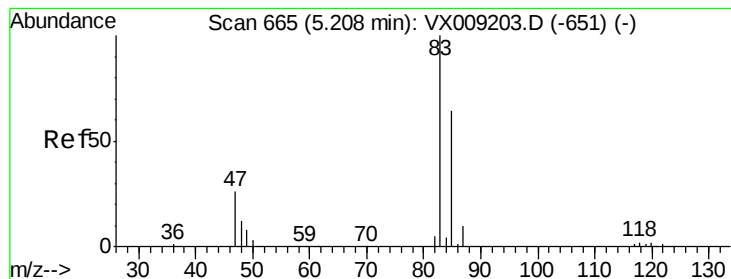
Tetrahydrofuran  
Concen: 13.013 ug/l  
RT: 5.13 min Scan# 653  
Delta R.T. 0.01 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 42      | 100   | 15262 |       |       |
| 72      | 41.9  |       | 30.4  | 45.6  |
| 71      | 38.0  |       | 28.6  | 43.0  |



Abundance Ion 42.00 (41.70 to 42.70): VX0  
Ion 72.00 (71.70 to 72.70): VX0  
Ion 71.00 (70.70 to 71.70): VX0





#30

Chloroform

Concen: 2.621 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 83 Resp: 8228

Ion Ratio Lower Upper

83 100

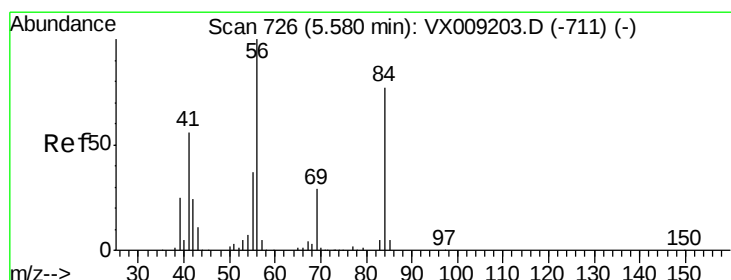
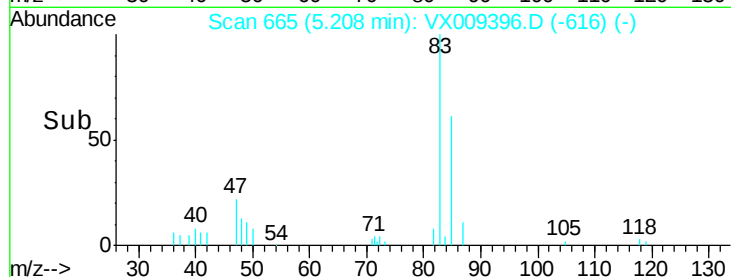
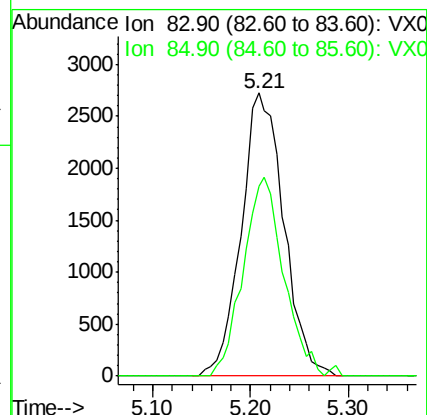
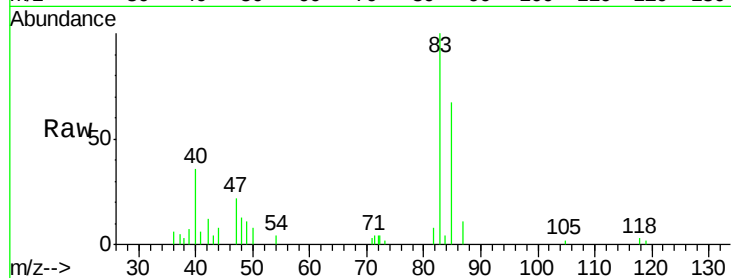
85 67.2 51.5 77.3

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#31

Cyclohexane

Concen: 2.468 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

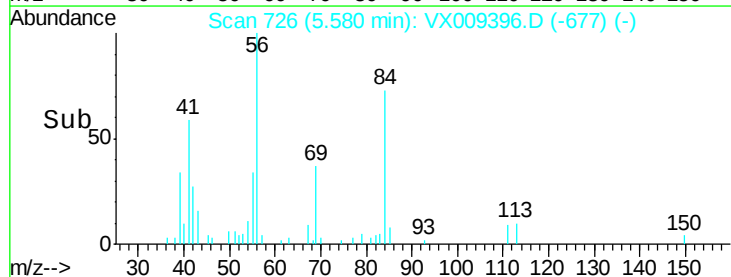
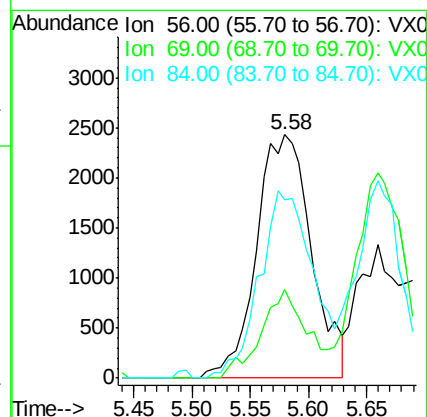
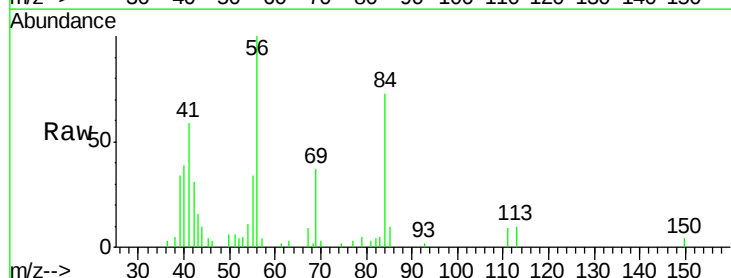
Tgt Ion: 56 Resp: 7969

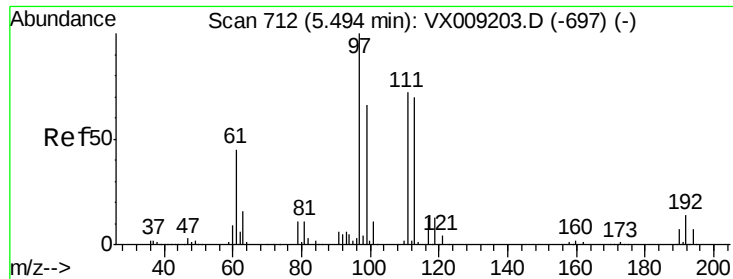
Ion Ratio Lower Upper

56 100

69 36.7 23.4 35.0#

84 73.4 61.9 92.9





#32

1,1,1-Trichloroethane

Concen: 2.693 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

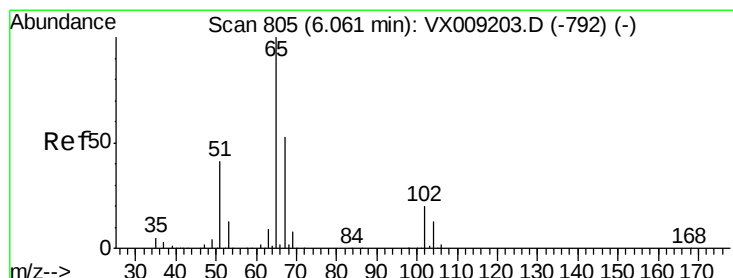
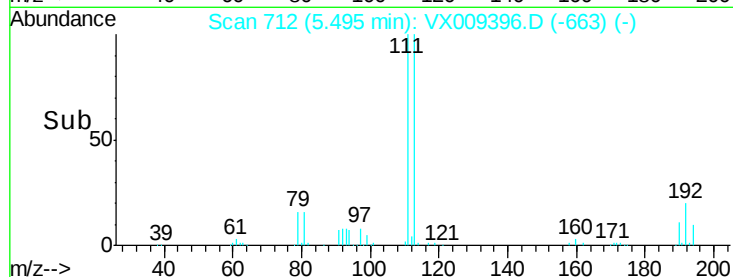
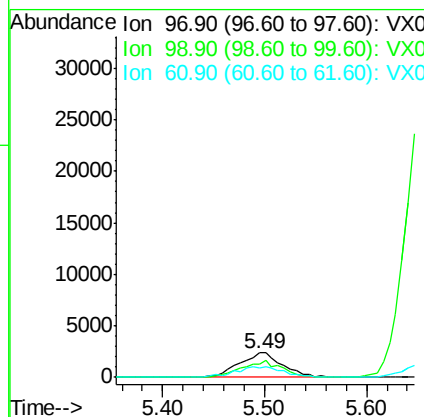
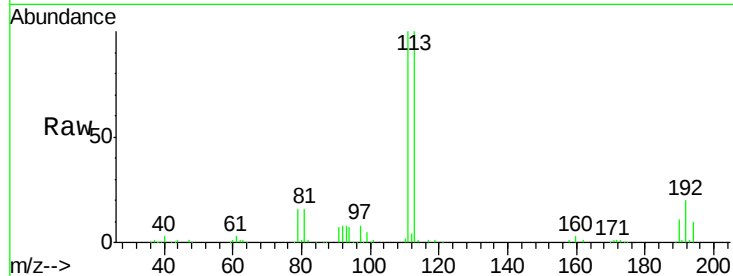
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 7038  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 63.1  | 51.8  | 77.8  |
| 61       | 47.6  | 37.8  | 56.8  |

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#33

1,2-Dichloroethane-d4

Concen: 51.498 ug/l

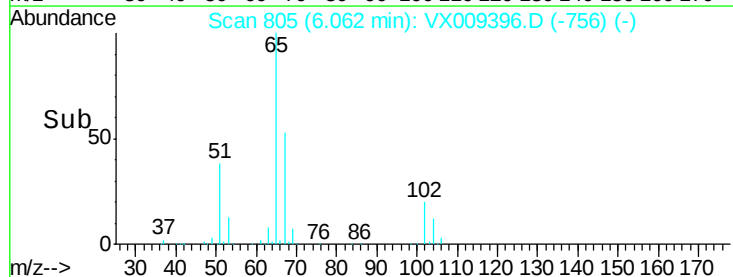
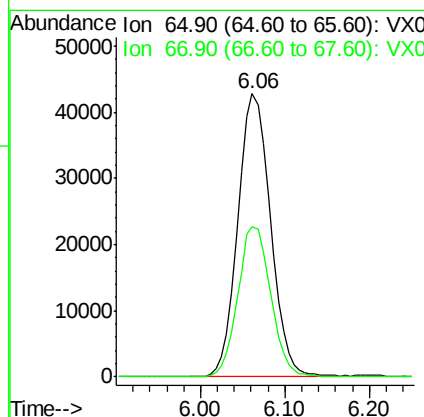
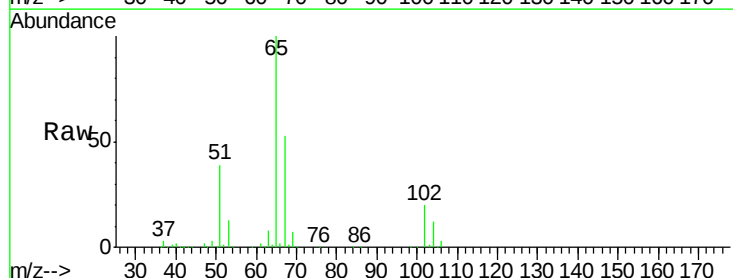
RT: 6.06 min Scan# 805

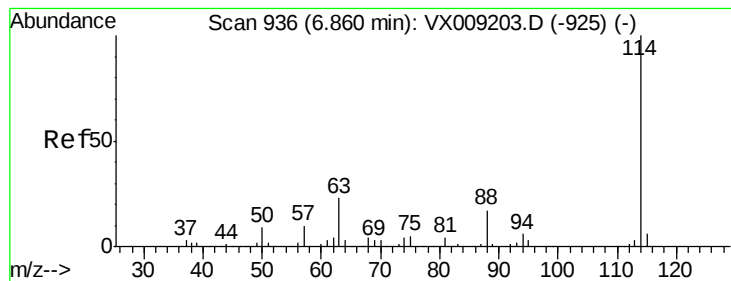
Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 112482 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 53.3  | 0.0   | 106.6  |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

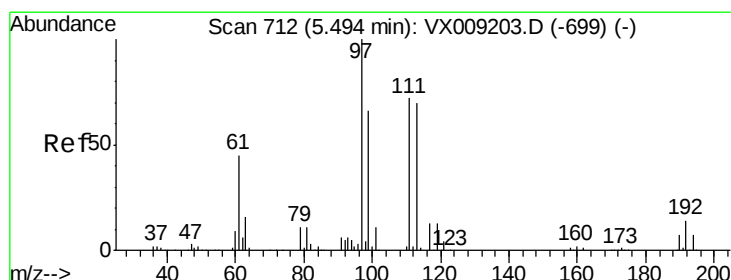
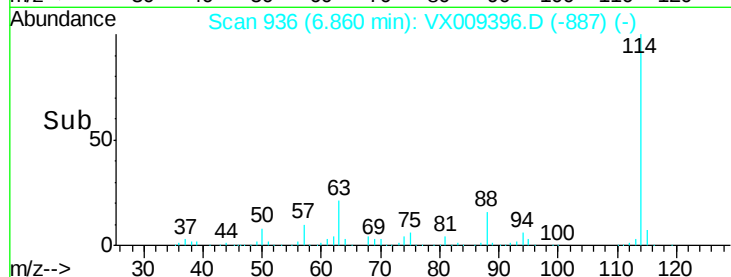
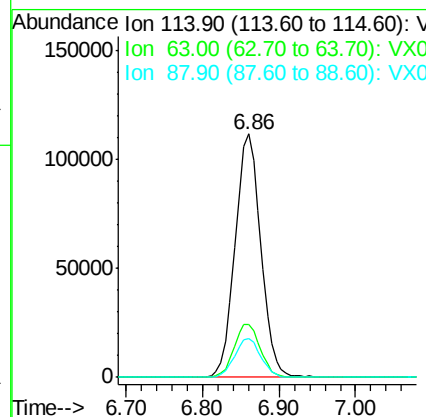
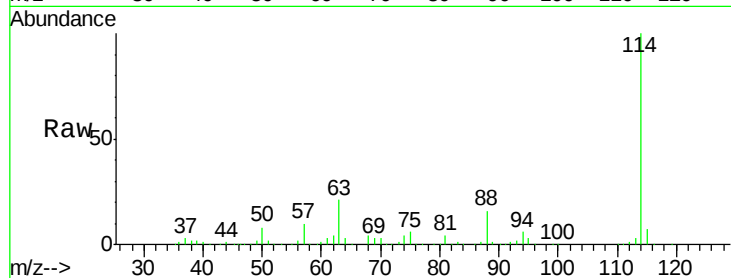
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 259886 |       |       |
| 63      | 21.5  | 0.0    | 45.6  |       |
| 88      | 16.1  | 0.0    | 33.2  |       |

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#35

Dibromofluoromethane

Concen: 50.614 ug/l

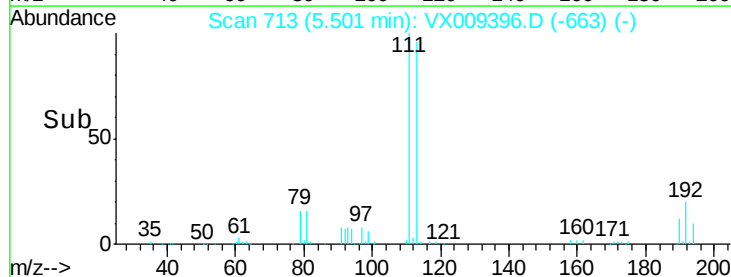
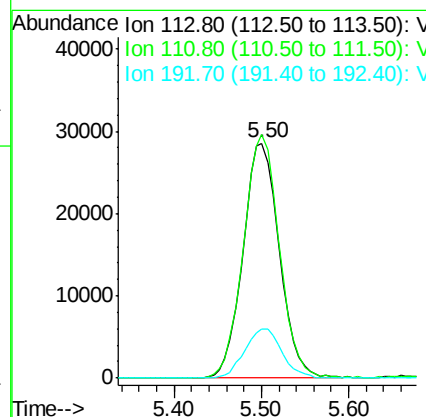
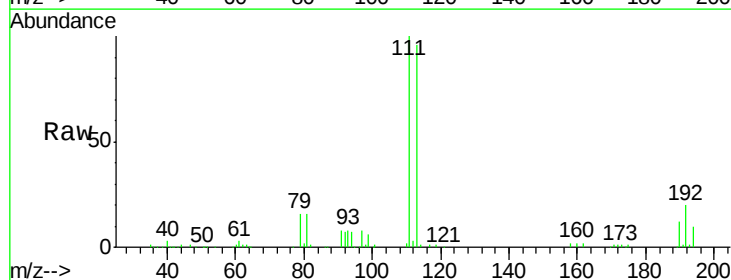
RT: 5.50 min Scan# 713

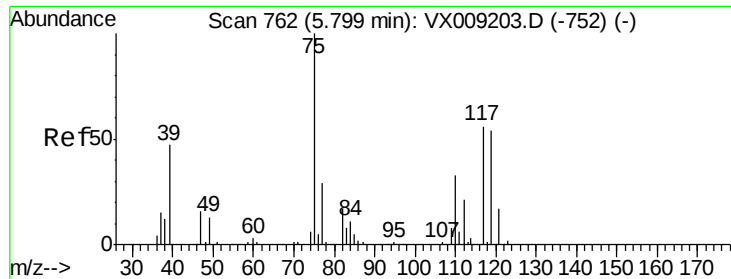
Delta R.T. 0.01 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 82691 |       |       |
| 111     | 102.1 | 82.8  | 124.2 |       |
| 192     | 21.4  | 17.0  | 25.6  |       |





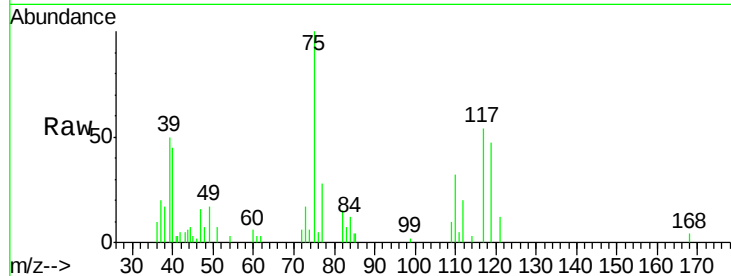
#36  
 1,1-Dichloropropene  
 Concen: 2.544 ug/l  
 RT: 5.81 min Scan# 763  
 Delta R.T. 0.01 min  
 Lab File: VX009396.D  
 Acq: 08 May 2019 14:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2019

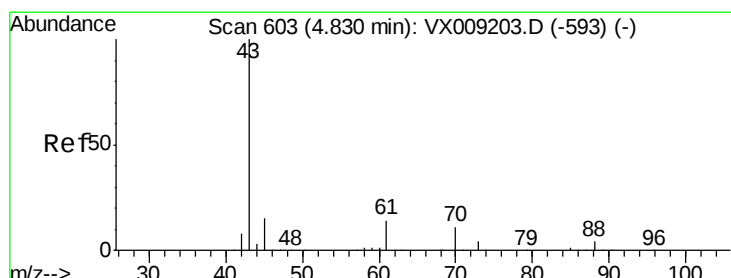
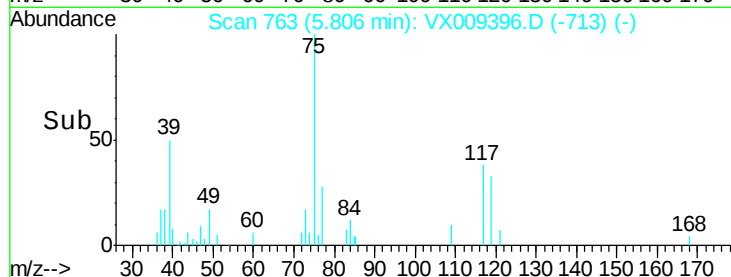
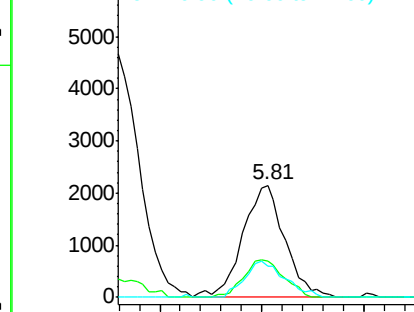
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 31.8  | 16.9  | 50.6  |
| 77      | 30.5  | 24.8  | 37.2  |

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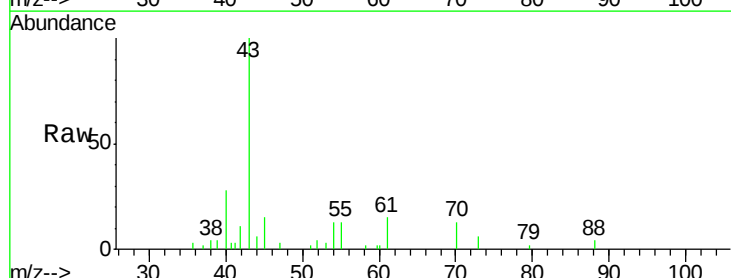


Abundance Ion 74.90 (74.60 to 75.60): VX0  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): VX0

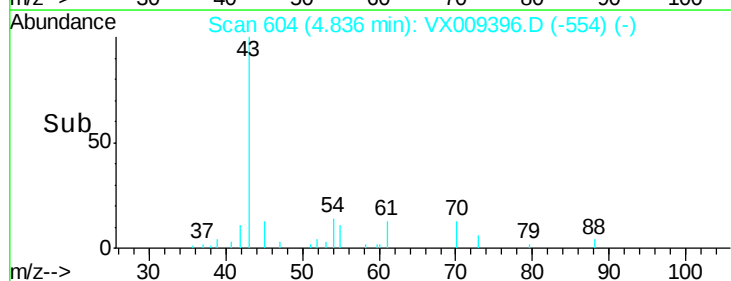
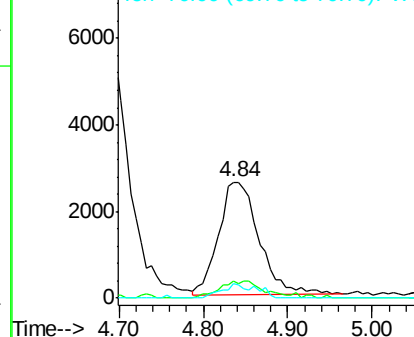


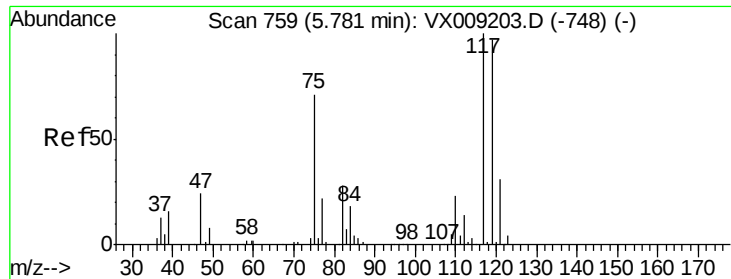
#37  
 Ethyl Acetate  
 Concen: 2.562 ug/l  
 RT: 4.84 min Scan# 604  
 Delta R.T. 0.01 min  
 Lab File: VX009396.D  
 Acq: 08 May 2019 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 16.4  | 10.5  | 15.7# |
| 70      | 7.5   | 7.9   | 11.9# |



Abundance Ion 43.00 (42.70 to 43.70): VX0  
 Ion 60.90 (60.60 to 61.60): VX0  
 Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 2.453 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

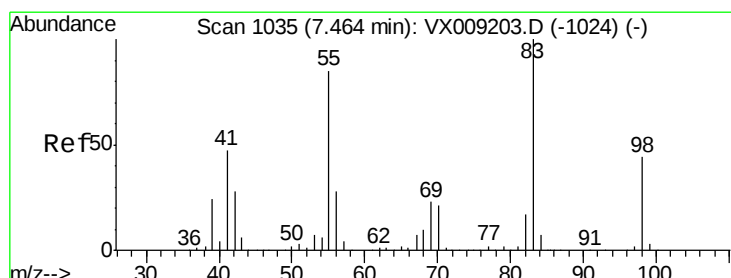
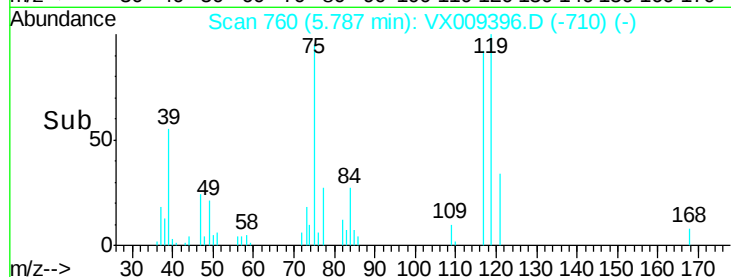
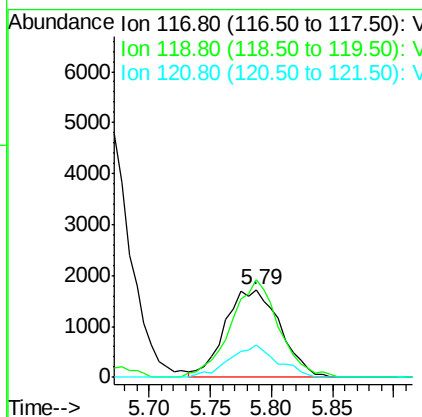
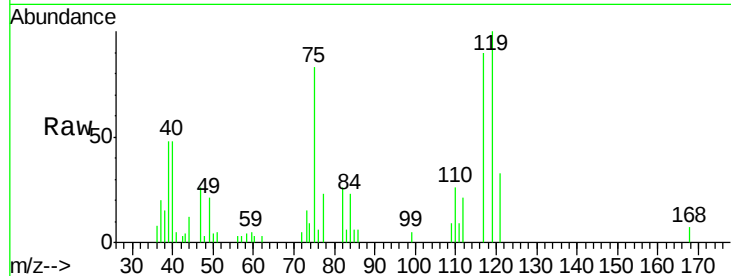
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 117   | Resp: | 5383  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 111.2 | 77.5  | 116.3 |
| 121      | 36.6  | 24.7  | 37.1  |

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#39

Methylcyclohexane

Concen: 2.333 ug/l

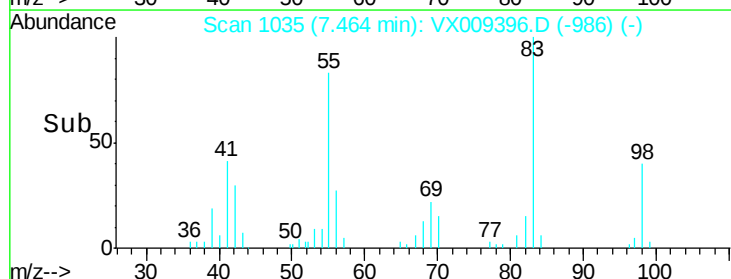
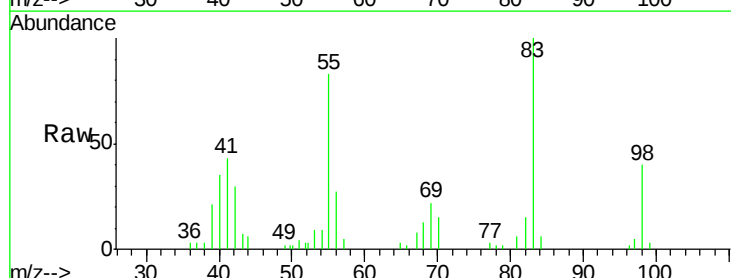
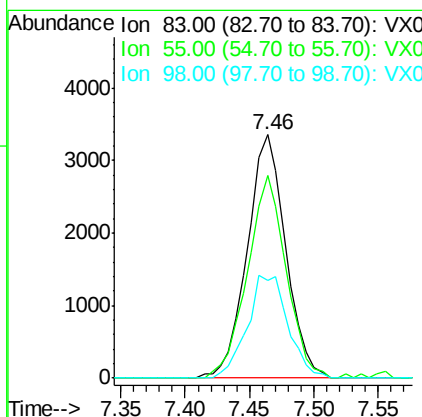
RT: 7.46 min Scan# 1035

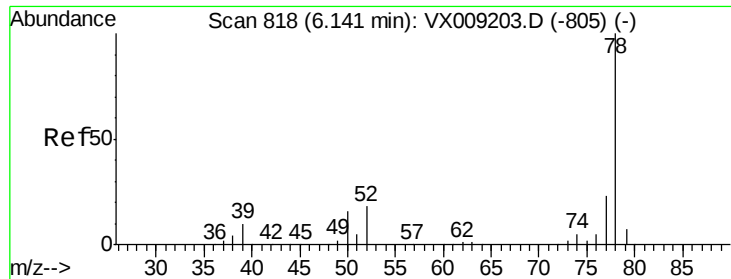
Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 6919  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 83.1  | 67.7  | 101.5 |
| 98       | 40.3  | 35.5  | 53.3  |





#40

Benzene

Concen: 2.438 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 78 Resp: 18220

Ion Ratio Lower Upper

78 100

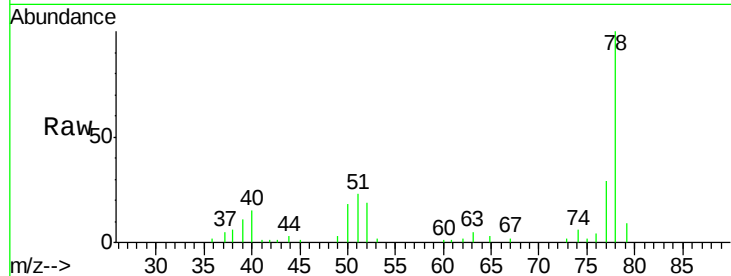
77 28.6 18.8 28.2#

Manual Integrations

APPROVED

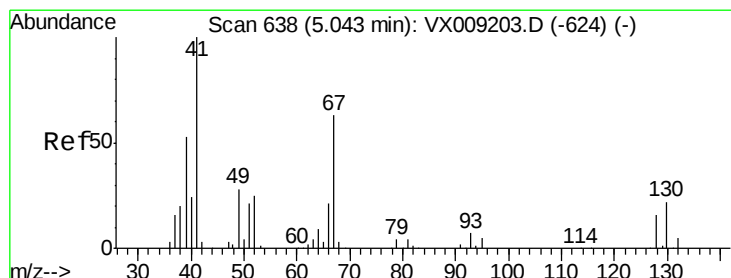
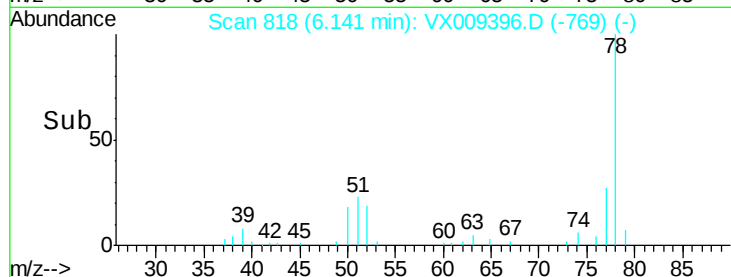
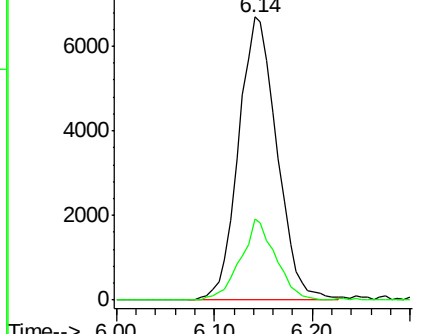
MMDadoda

5/9/2019 9:49:29 AM



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 2.445 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Tgt Ion: 41 Resp: 4897

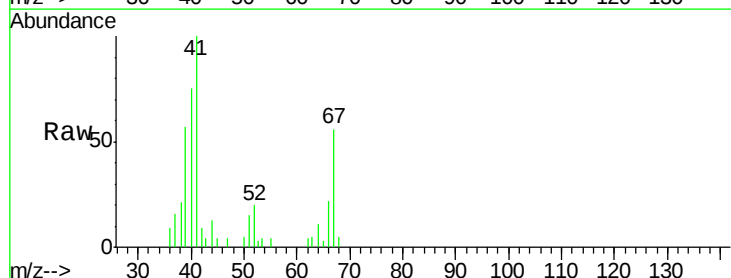
Ion Ratio Lower Upper

41 100

39 55.1 42.0 63.0

67 65.1 49.8 74.8

52 31.6 20.3 30.5#

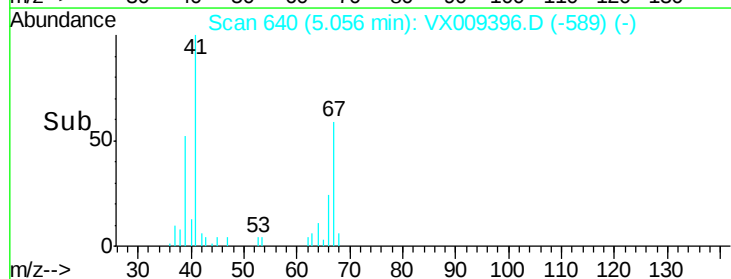
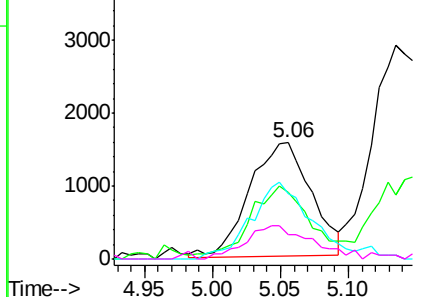


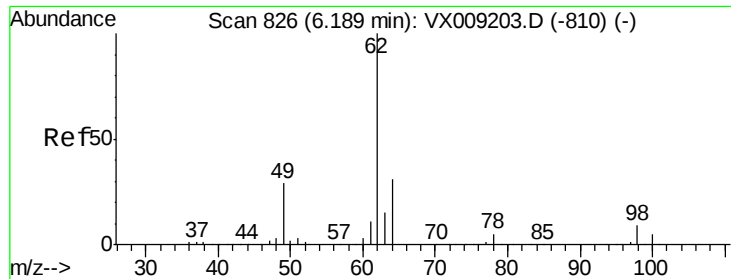
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#42

1,2-Dichloroethane

Concen: 2.764 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 62 Resp: 7412

Ion Ratio Lower Upper

62 100

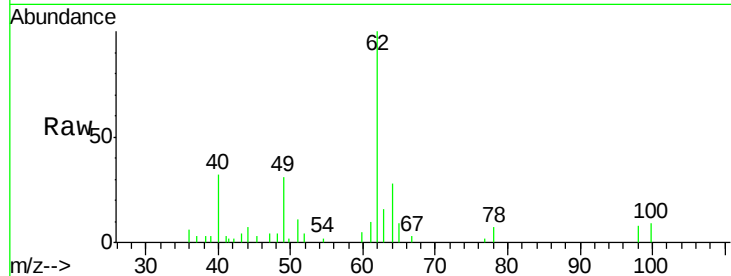
98 10.1 0.0 18.2

Manual Integrations

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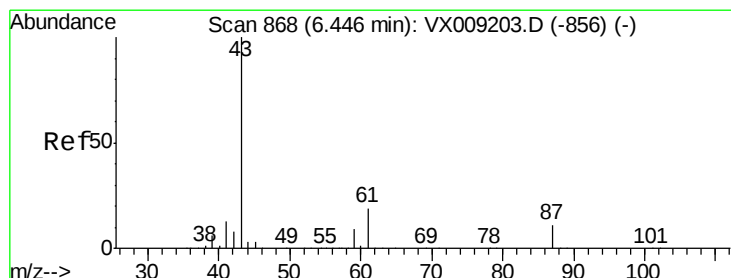
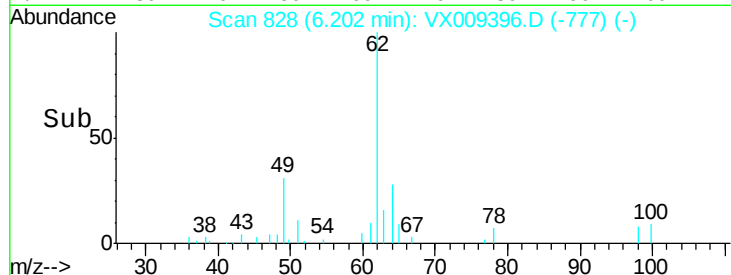
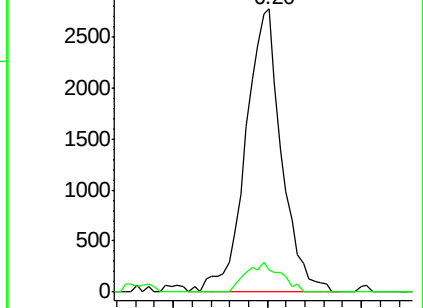
MMDadoda

5/9/2019 9:49:29 AM



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 2.545 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

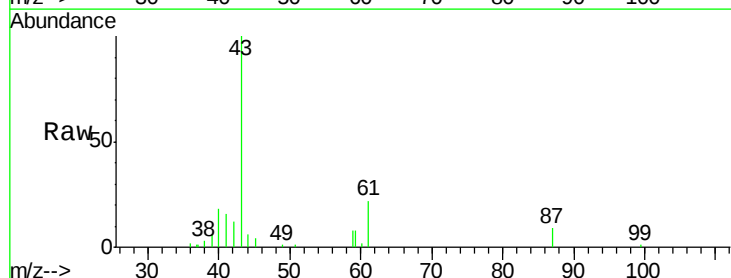
Tgt Ion: 43 Resp: 13700

Ion Ratio Lower Upper

43 100

61 20.8 15.1 22.7

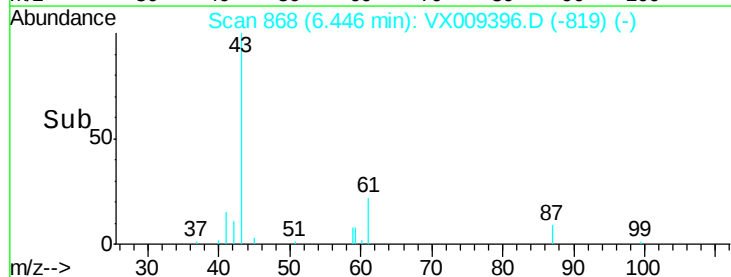
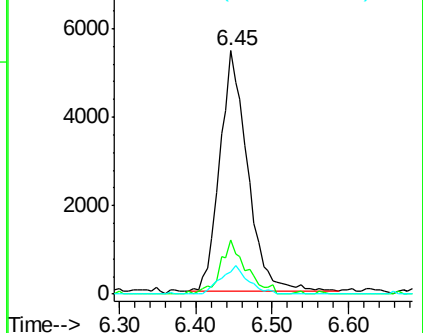
87 11.7 9.0 13.6

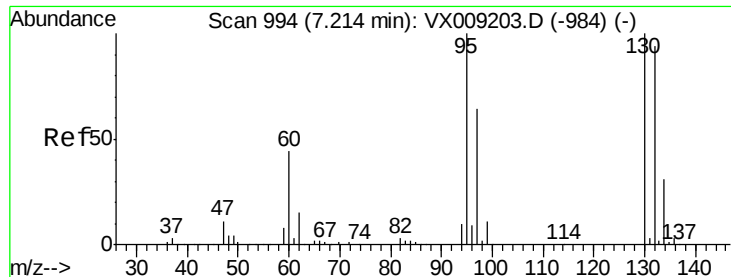


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





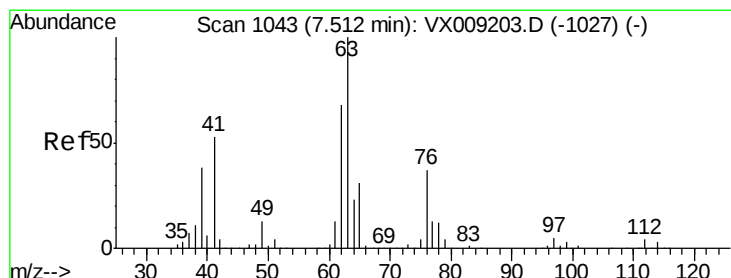
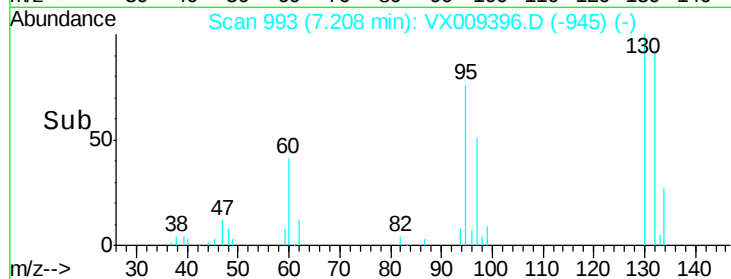
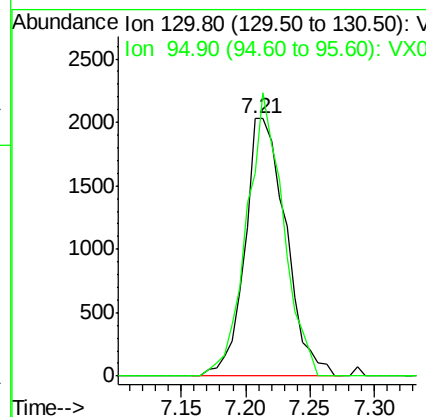
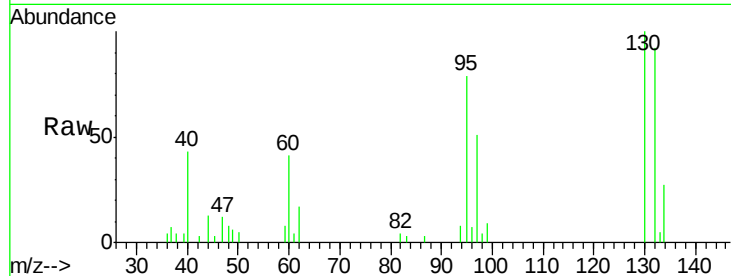
#44  
 Trichloroethene  
 Concen: 2.464 ug/l  
 RT: 7.21 min Scan# 993  
 Delta R.T. -0.01 min  
 Lab File: VX009396.D  
 Acq: 08 May 2019 14:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2019

Tot Ion:130 Resp: 4452  
 Ion Ratio Lower Upper  
 130 100  
 95 78.7 0.0 199.2

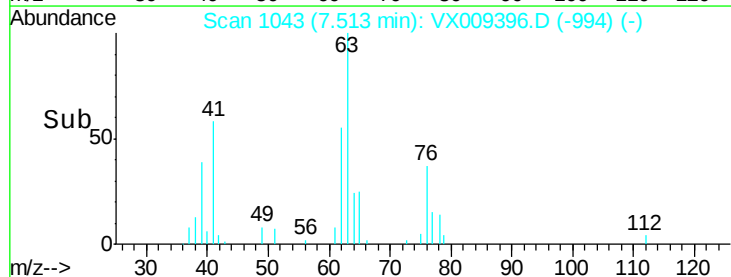
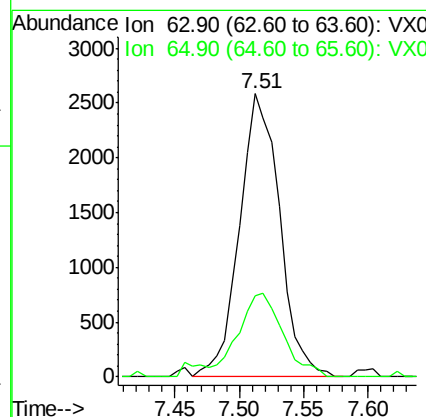
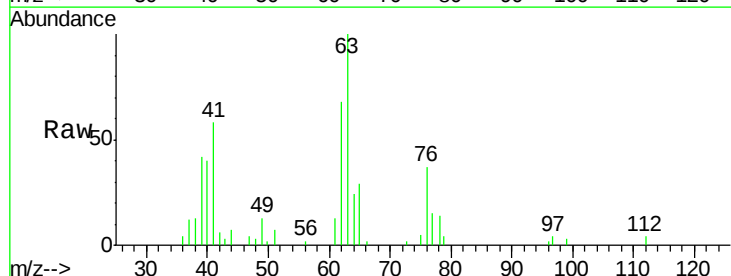
Manual Integrations  
 APPROVED

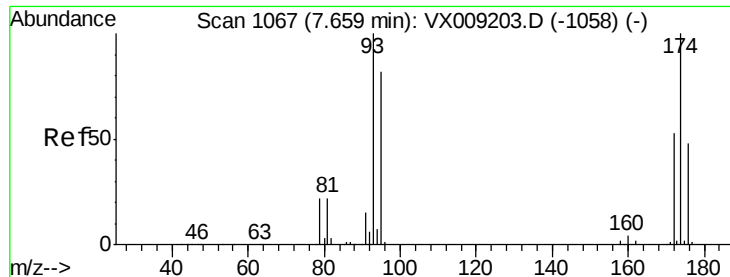
MMDadoda  
 5/9/2019 9:49:29 AM



#45  
 1,2-Dichloropropane  
 Concen: 2.640 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. 0.00 min  
 Lab File: VX009396.D  
 Acq: 08 May 2019 14:23

Tgt Ion: 63 Resp: 5587  
 Ion Ratio Lower Upper  
 63 100  
 65 28.5 25.0 37.6





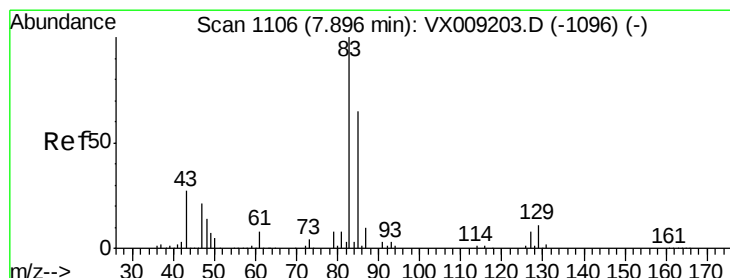
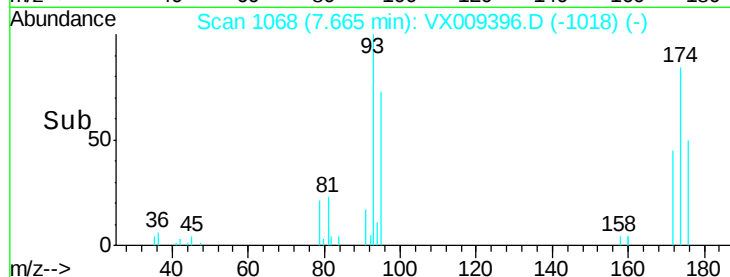
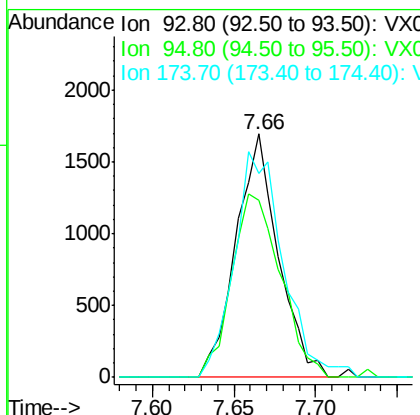
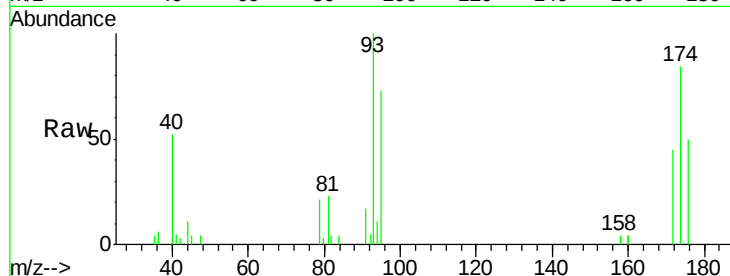
#46  
Dibromomethane  
Concen: 2.503 ug/l  
RT: 7.66 min Scan# 1068  
Delta R.T. 0.01 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 86.5  | 66.5  | 99.7  |
| 174     | 106.9 | 82.1  | 123.1 |

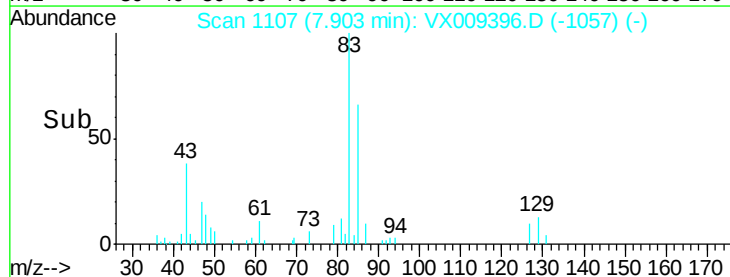
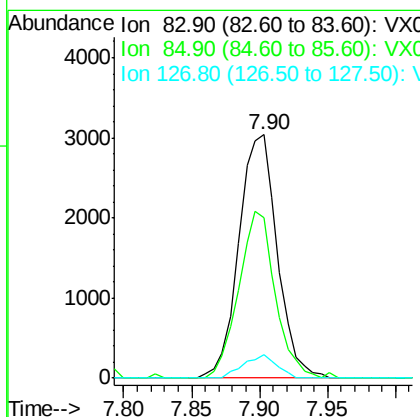
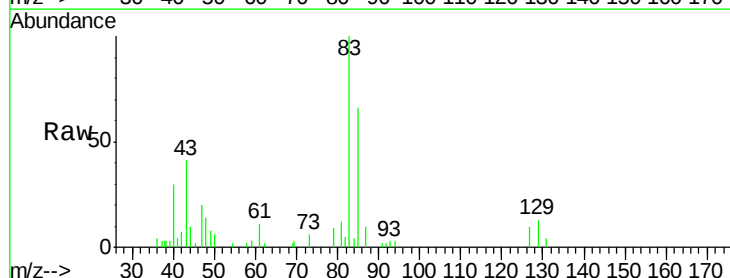
Manual Integrations  
APPROVED

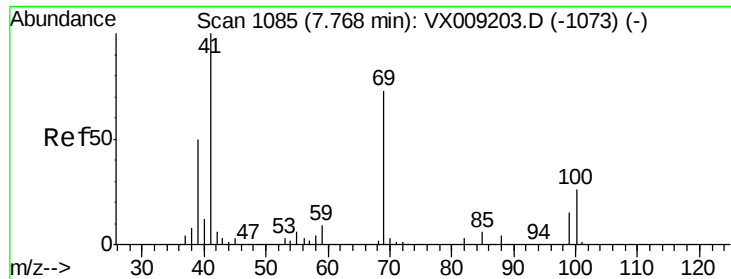
MMDadoda  
5/9/2019 9:49:29 AM



#47  
Bromodichloromethane  
Concen: 2.447 ug/l  
RT: 7.90 min Scan# 1107  
Delta R.T. 0.01 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.6  | 52.4  | 78.6  |
| 127     | 9.5   | 6.6   | 10.0  |





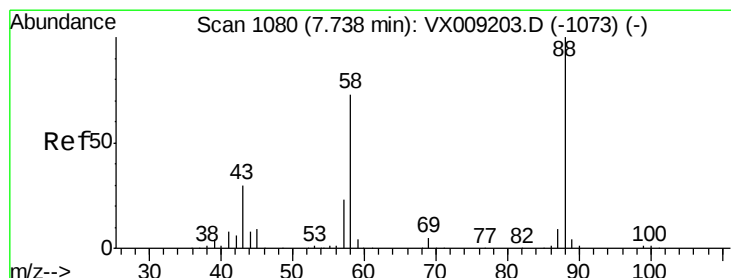
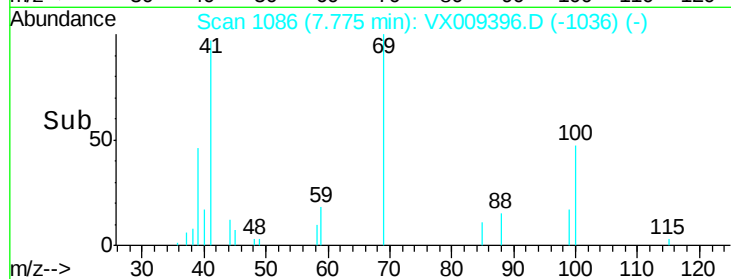
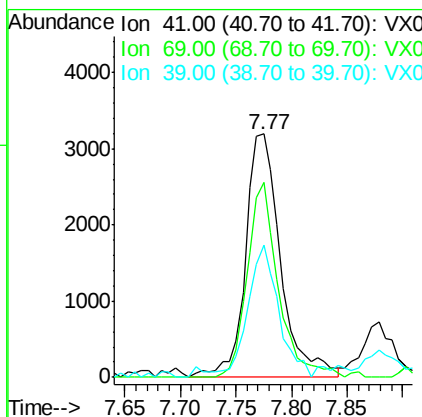
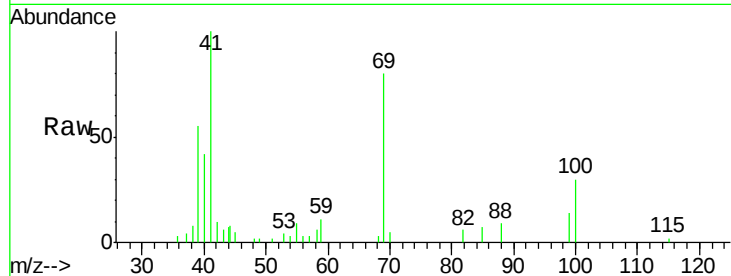
#48  
Methvl methacrylate  
Concen: 2.641 ug/l  
RT: 7.77 min Scan# 1086  
Delta R.T. 0.01 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 70.4  | 59.1  | 88.7  |
| 39      | 47.6  | 40.4  | 60.6  |

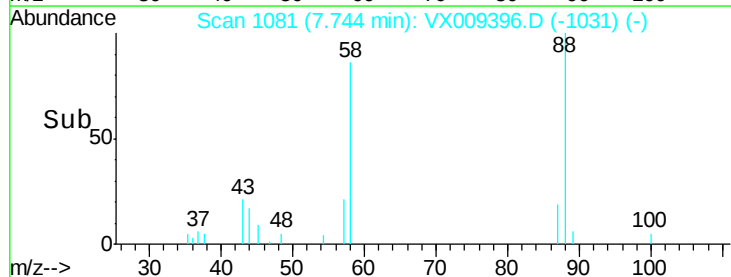
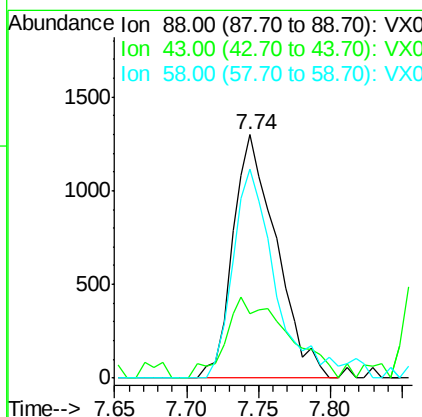
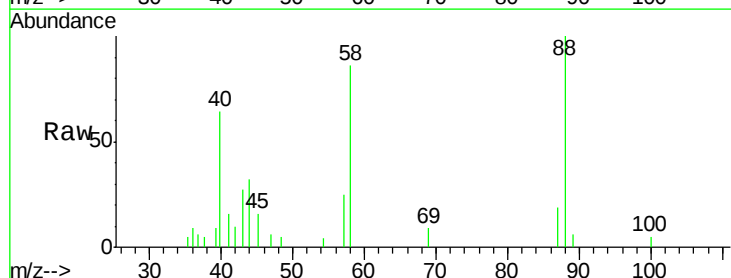
Manual Integrations  
APPROVED

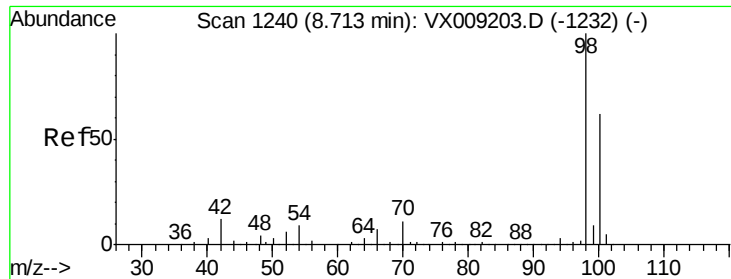
MMDadoda  
5/9/2019 9:49:29 AM



#49  
1,4-Dioxane  
Concen: 50.336 ug/l  
RT: 7.74 min Scan# 1081  
Delta R.T. 0.01 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 46.9  | 28.6  | 42.8# |
| 58      | 83.5  | 61.7  | 92.5  |





#50

Toluene-d8

Concen: 49.551 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 98 Resp: 326831

Ion Ratio Lower Upper

98 100

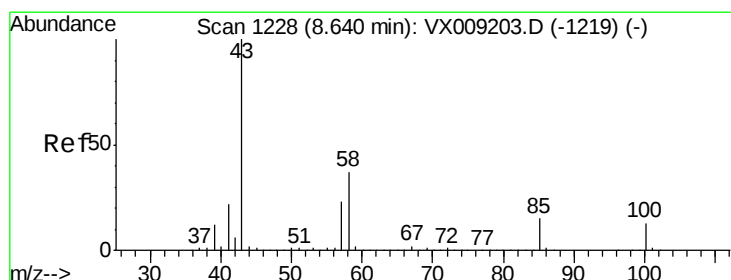
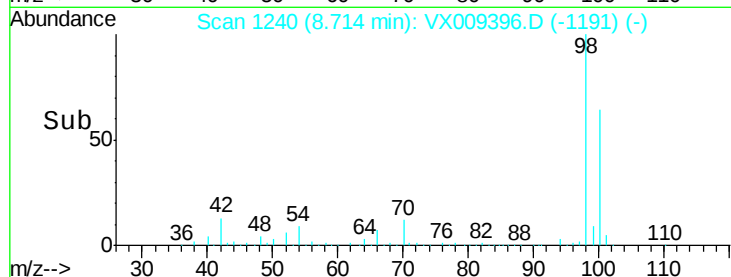
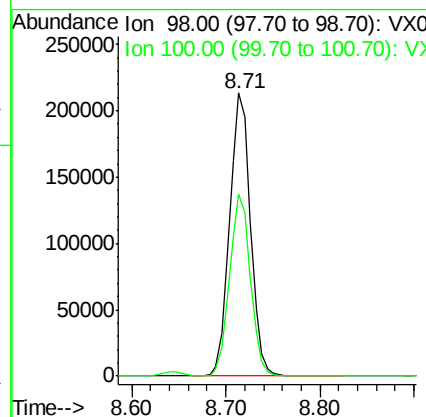
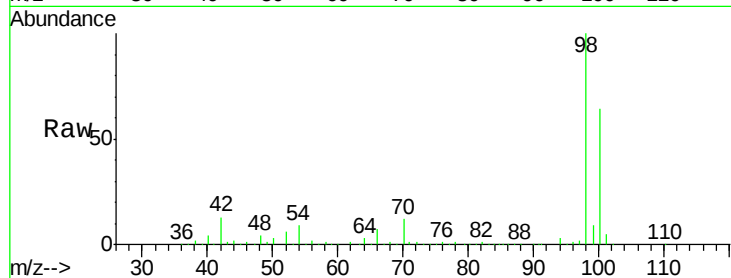
100 64.3 51.2 76.8

Manual Integrations

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5/9/2019 9:49:29 AM



#51

4-Methyl-2-Pentanone

Concen: 12.580 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009396.D

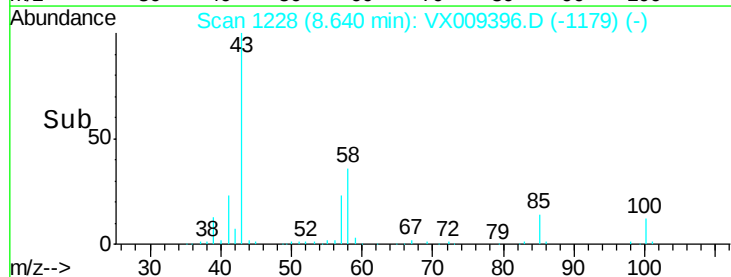
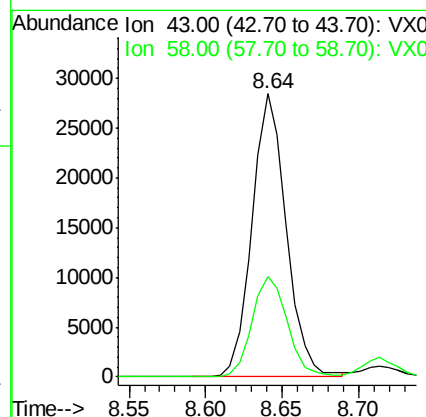
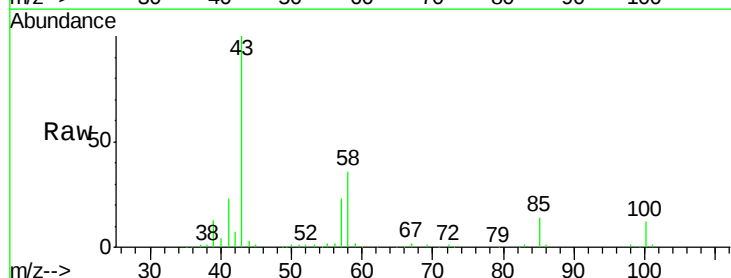
Acq: 08 May 2019 14:23

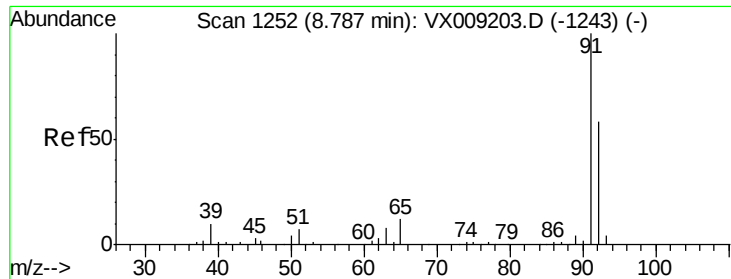
Tgt Ion: 43 Resp: 44259

Ion Ratio Lower Upper

43 100

58 36.6 29.5 44.3





#52

Toluene

Concen: 2.504 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 92 Resp: 11379

Ion Ratio Lower Upper

92 100

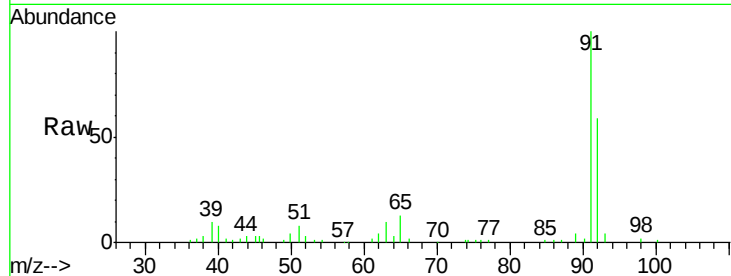
91 171.0 138.8 208.2

Manual Integrations

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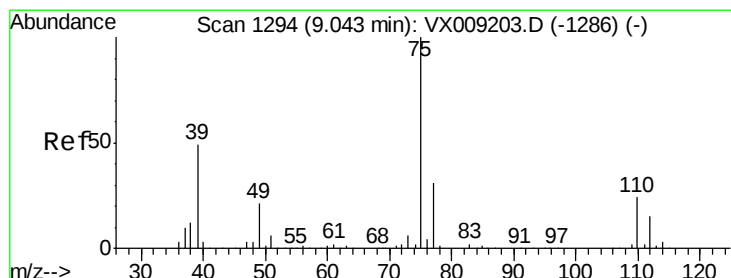
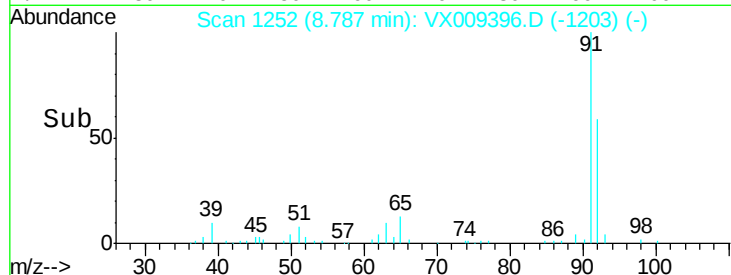
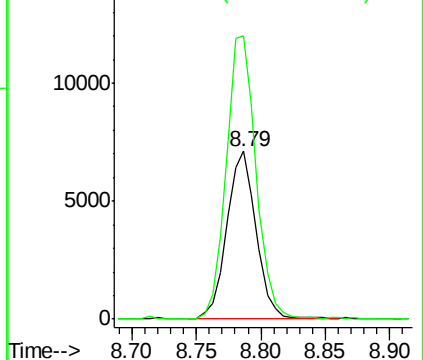
MMDadoda

5/9/2019 9:49:29 AM



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 2.257 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX009396.D

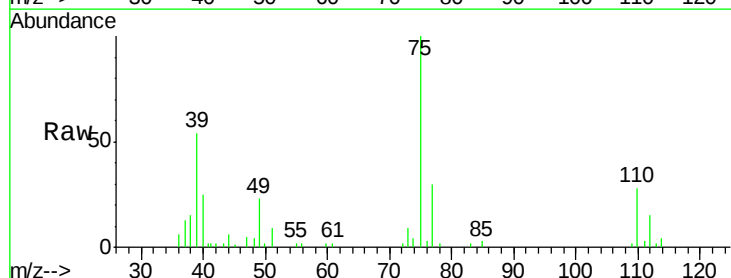
Acq: 08 May 2019 14:23

Tgt Ion: 75 Resp: 6248

Ion Ratio Lower Upper

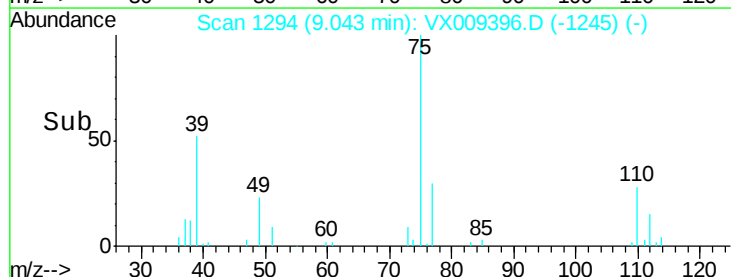
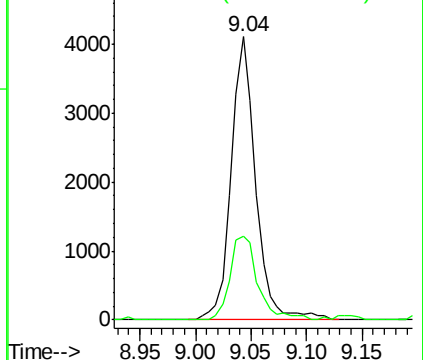
75 100

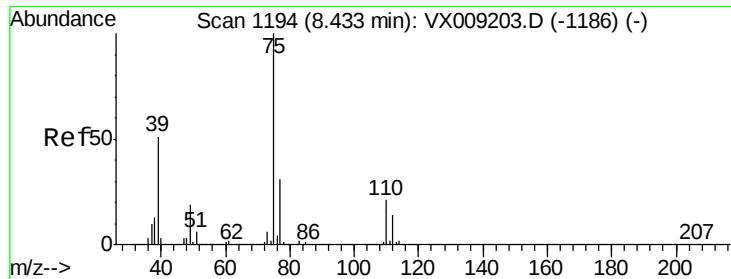
77 29.7 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





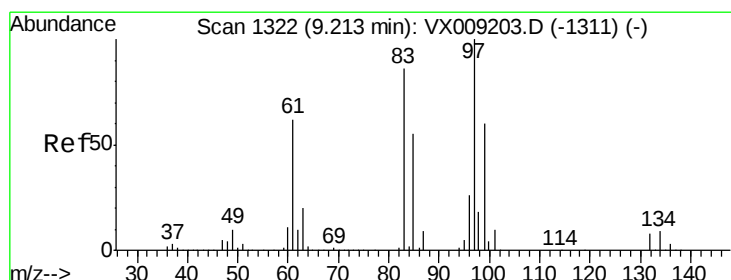
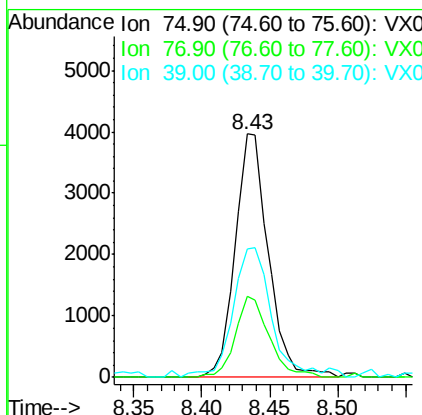
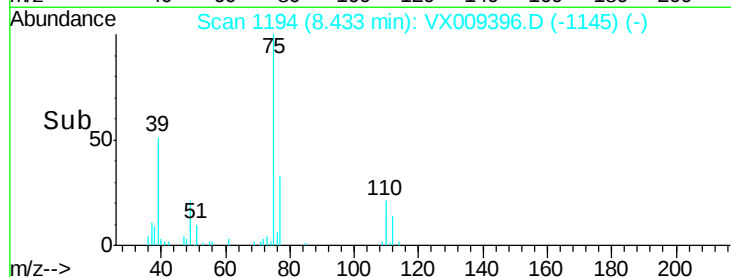
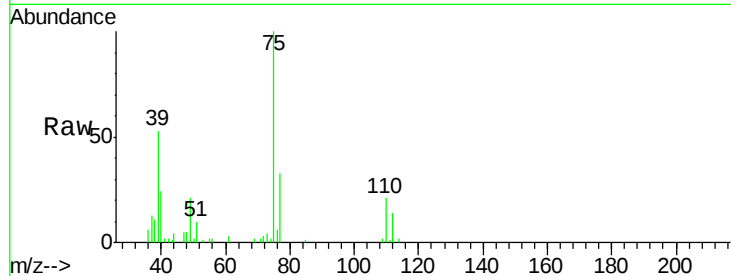
#54  
 cis-1,3-Dichloropropene  
 Concen: 2.208 ug/l  
 RT: 8.43 min Scan# 1194  
 Delta R.T. 0.00 min  
 Lab File: VX009396.D  
 Acq: 08 May 2019 14:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 33.2  | 24.6  | 36.8  |
| 39      | 51.2  | 40.6  | 60.8  |

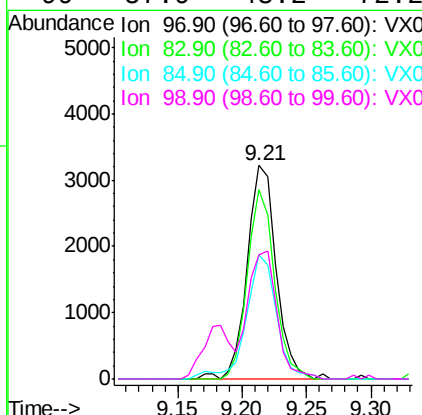
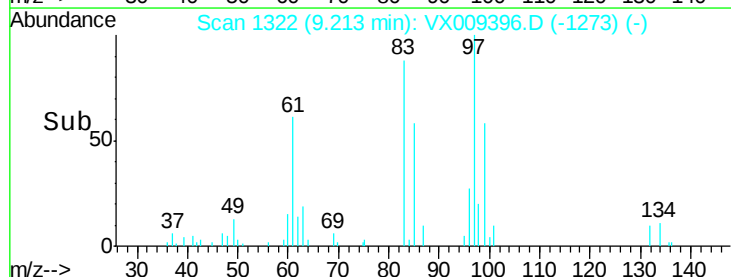
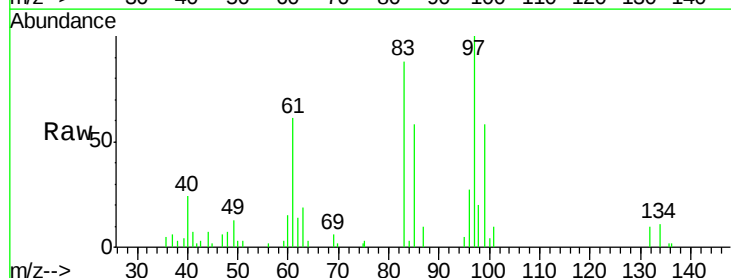
Manual Integrations  
 APPROVED

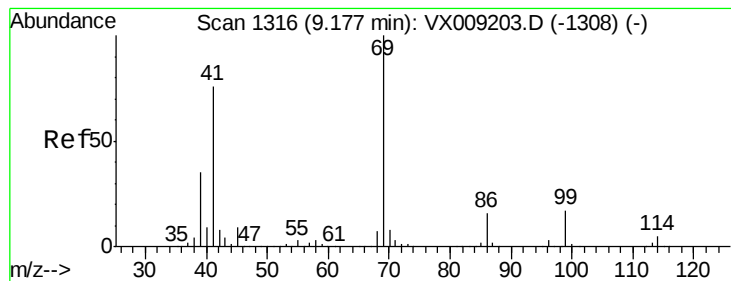
MMDadoda  
 5/9/2019 9:49:29 AM



#55  
 1,1,2-Trichloroethane  
 Concen: 2.700 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VX009396.D  
 Acq: 08 May 2019 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 88.4  | 68.9  | 103.3 |
| 85      | 57.8  | 43.8  | 65.6  |
| 99      | 57.9  | 48.2  | 72.2  |





#56

Ethyl methacrylate

Concen: 2.498 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

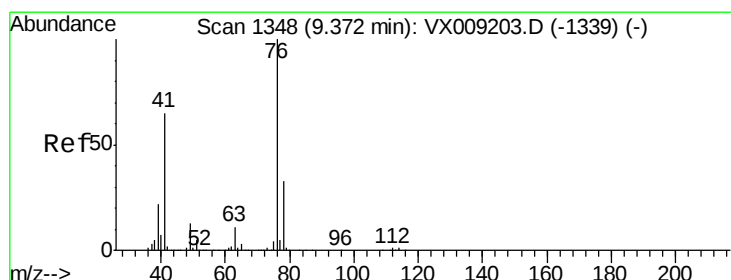
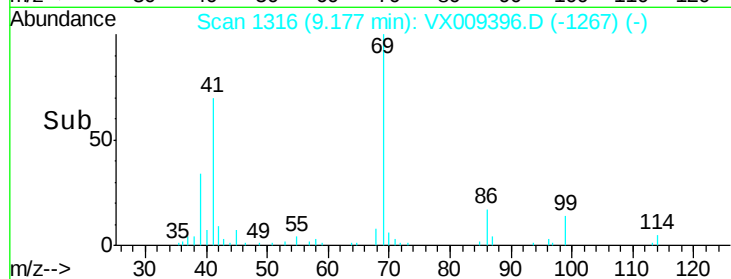
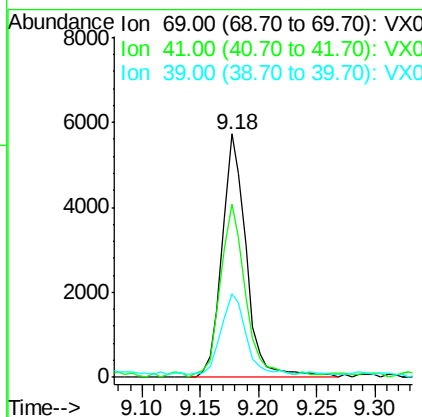
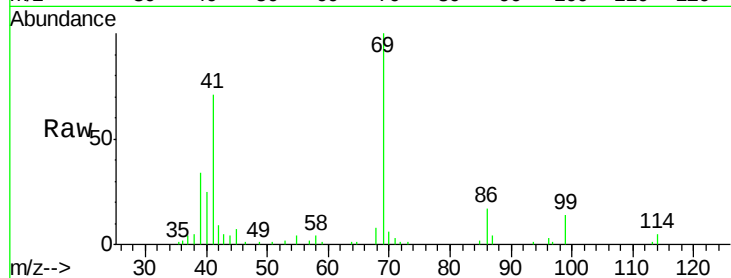
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 69    | Resp: | 8267  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 73.8  | 60.6  | 90.8  |
| 39       | 35.2  | 28.2  | 42.4  |

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#57

1,3-Dichloropropane

Concen: 2.500 ug/l

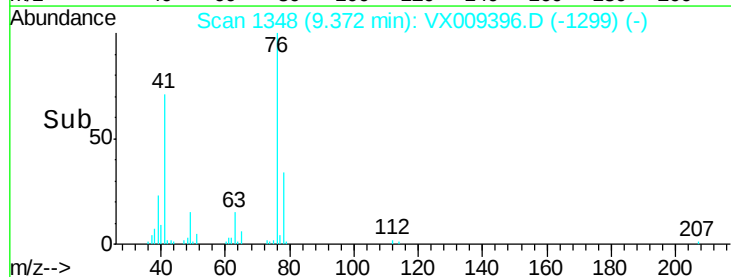
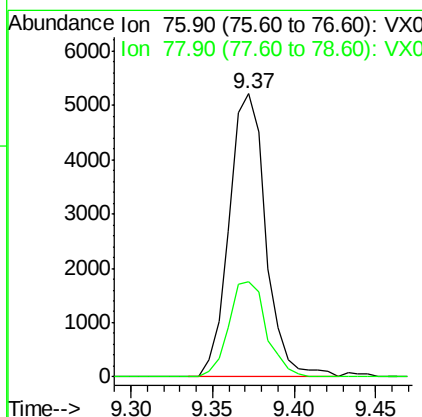
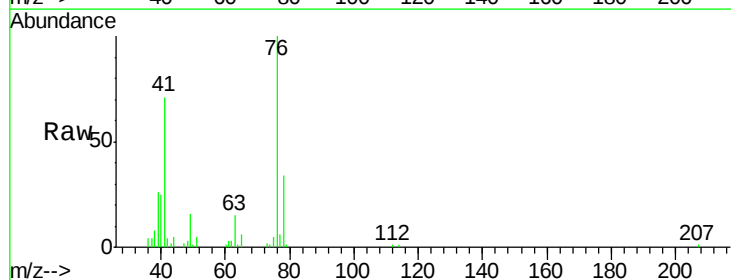
RT: 9.37 min Scan# 1348

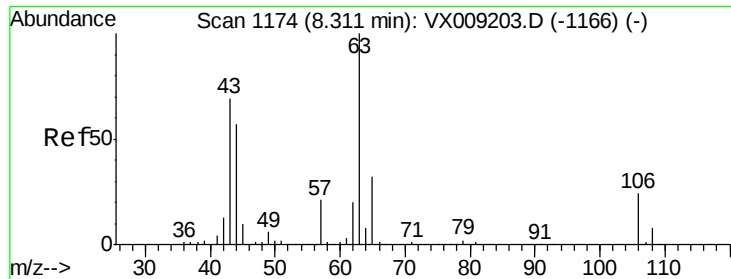
Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 76    | Resp: | 8154  |
| Ion      | Ratio | Lower | Upper |
| 76       | 100   |       |       |
| 78       | 34.4  | 25.5  | 38.3  |





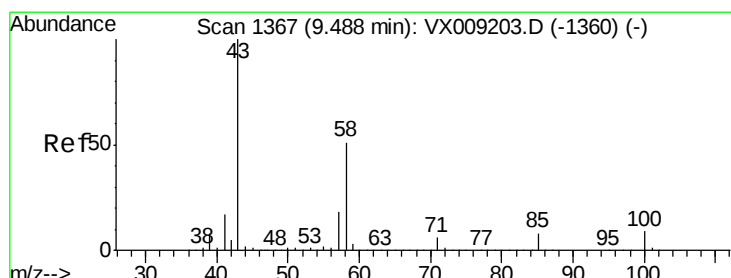
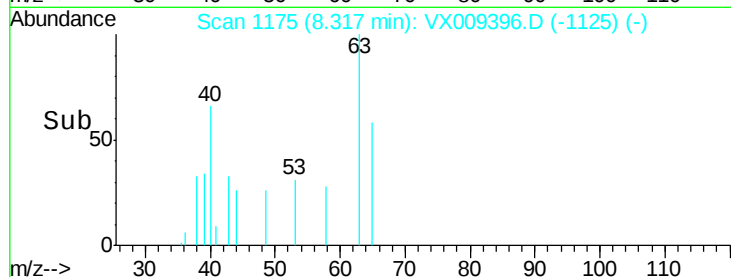
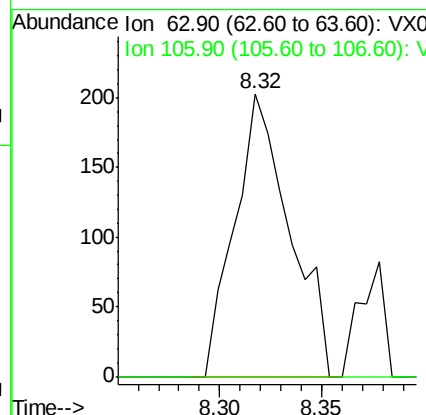
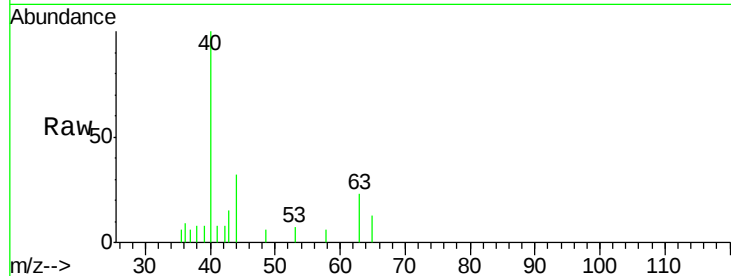
#58  
2-Chloroethyl Vinyl ether  
Concen: 0.216 ug/l  
RT: 8.32 min Scan# 1175  
Delta R.T. 0.01 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2019

Tot Ion: 63 Resp: 380  
Ion Ratio Lower Upper  
63 100  
106 0.0 19.7 29.5#

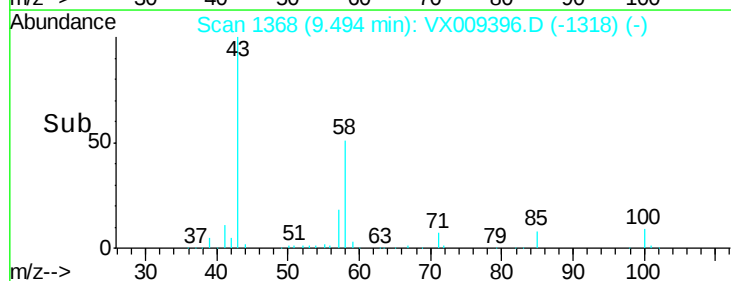
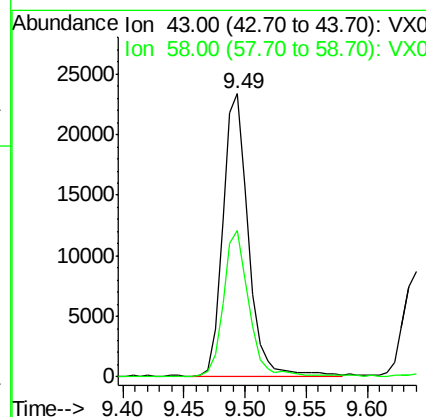
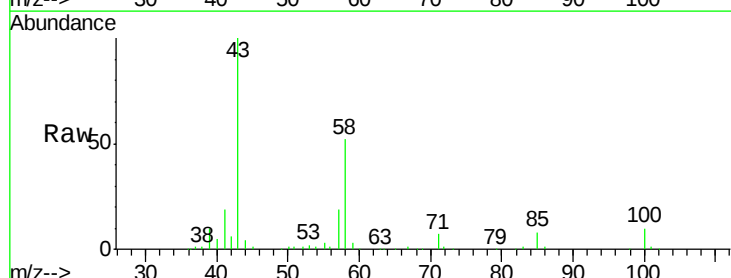
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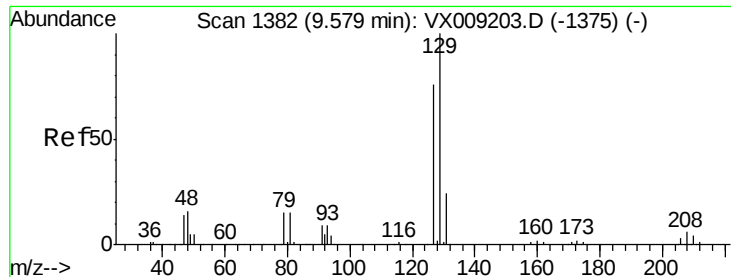
MMDadoda  
5/9/2019 9:49:29 AM



#59  
2-Hexanone  
Concen: 12.333 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. 0.01 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

Tgt Ion: 43 Resp: 34076  
Ion Ratio Lower Upper  
43 100  
58 51.7 25.9 77.7





#60

Dibromochloromethane

Concen: 2.288 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:129 Resp: 4143

Ion Ratio Lower Upper

129 100

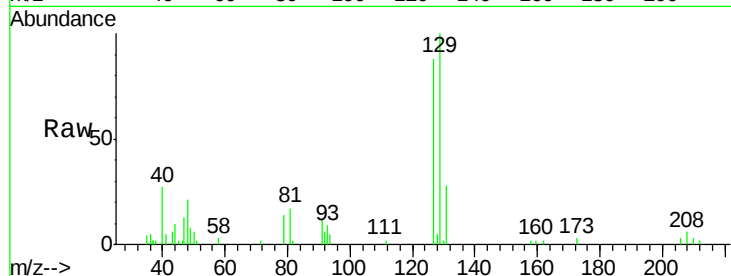
127 84.3 38.4 115.1

Manual Integrations

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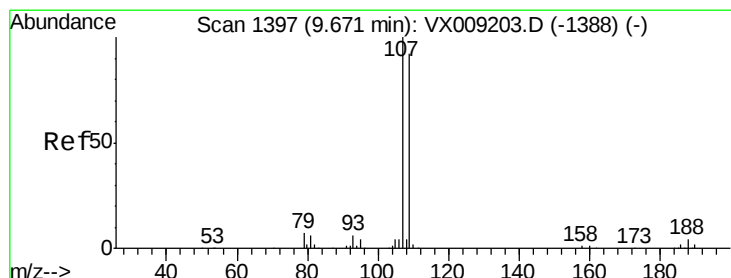
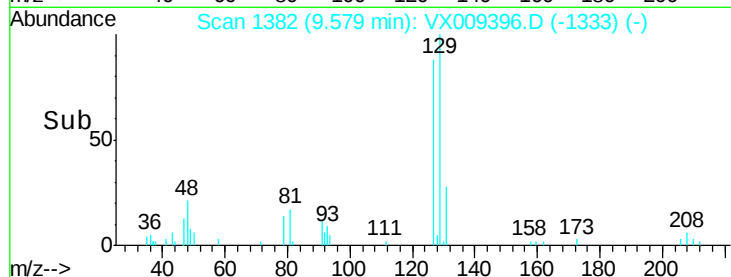
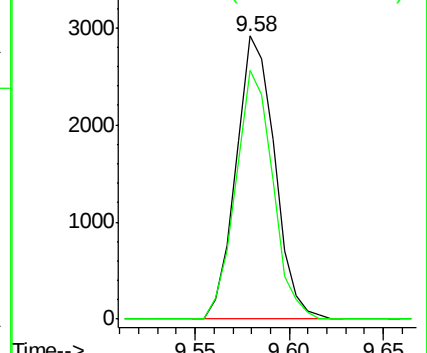
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 2.509 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009396.D

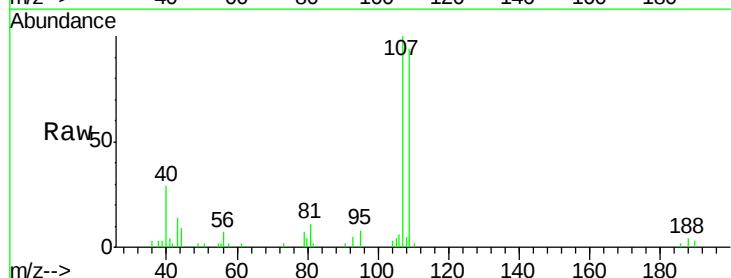
Acq: 08 May 2019 14:23

Tgt Ion:107 Resp: 4694

Ion Ratio Lower Upper

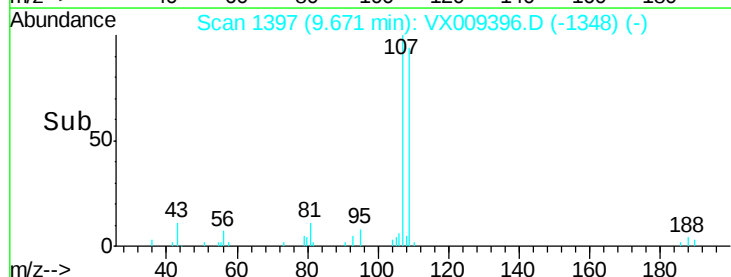
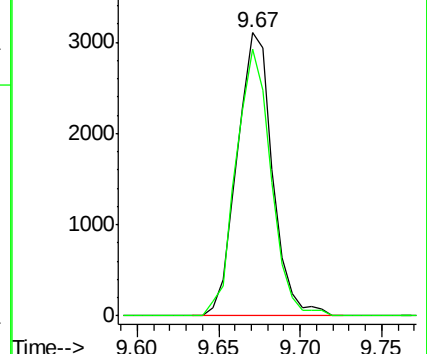
107 100

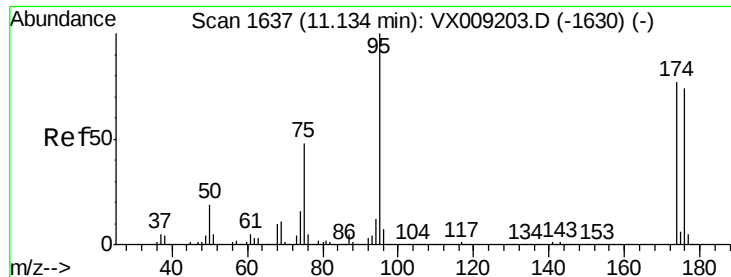
109 92.8 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 47.388 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

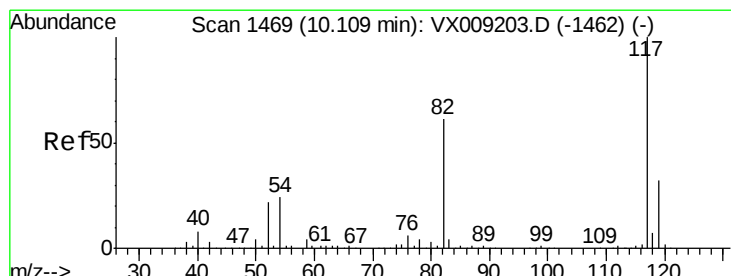
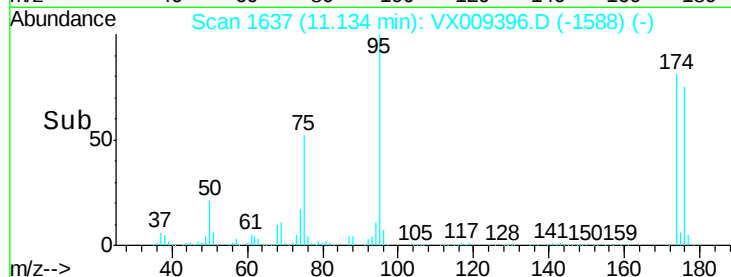
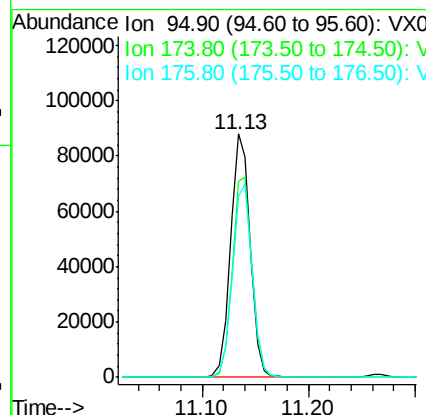
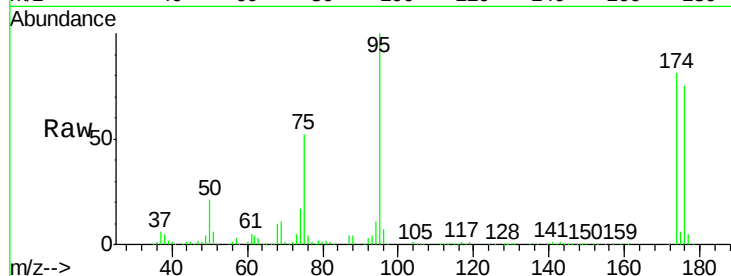
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 95    | Resp: | 113575 |
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 83.3  | 0.0   | 161.6  |
| 176       | 79.6  | 0.0   | 159.2  |

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

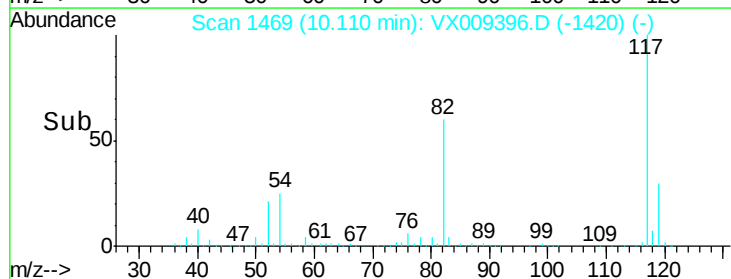
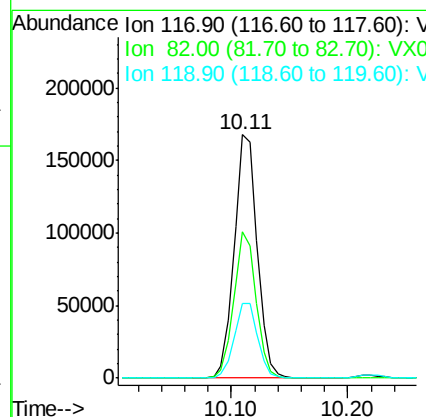
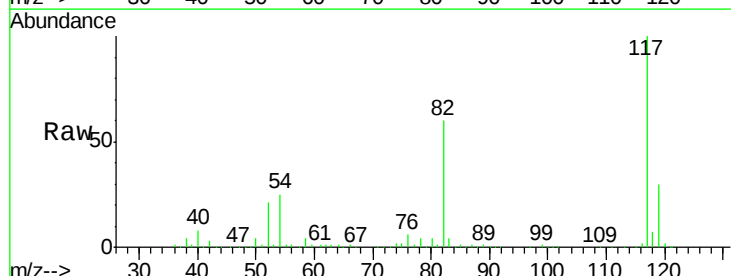
RT: 10.11 min Scan# 1469

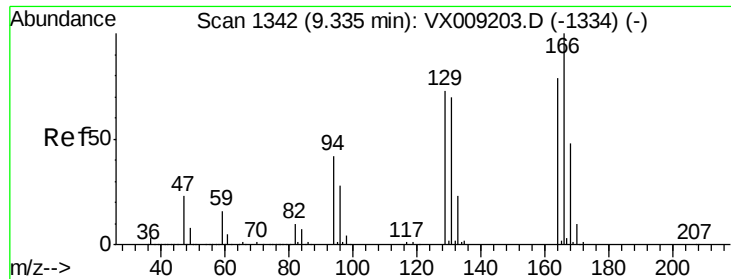
Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 230802 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 60.1  | 48.8  | 73.2   |
| 119       | 30.4  | 25.8  | 38.6   |





#64

Tetrachloroethene

Concen: 2.503 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:164 Resp: 3962

Ion Ratio Lower Upper

164 100

166 119.7 101.2 151.8

129 97.8 74.3 111.5

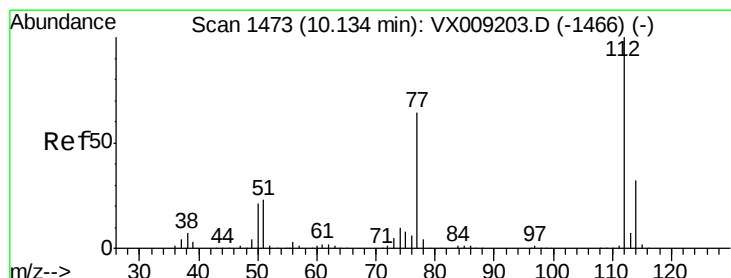
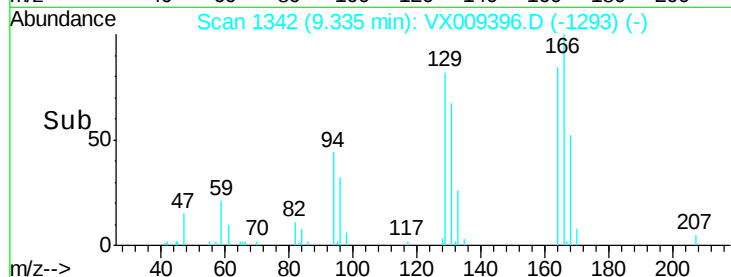
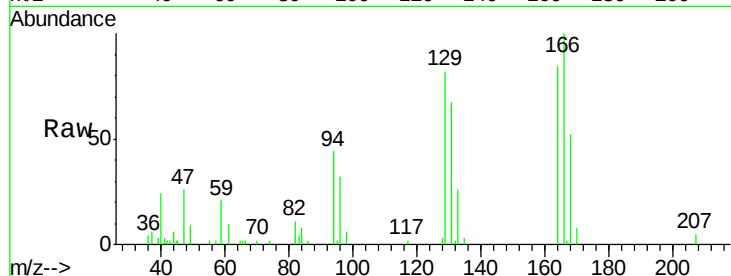
131 80.8 71.0 106.6

Manual Integrations

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#65

Chlorobenzene

Concen: 2.562 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009396.D

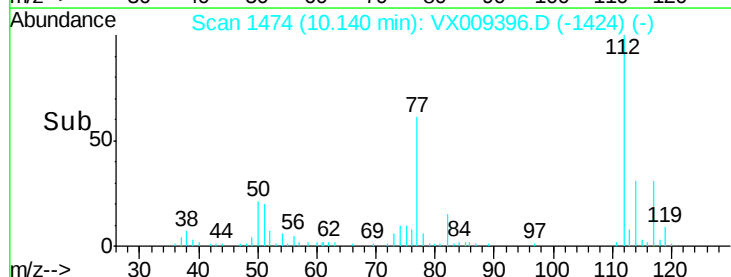
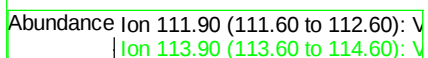
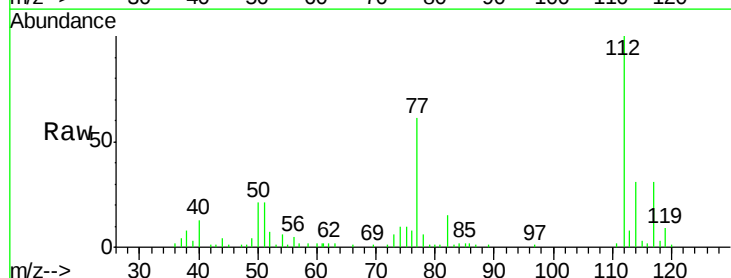
Acq: 08 May 2019 14:23

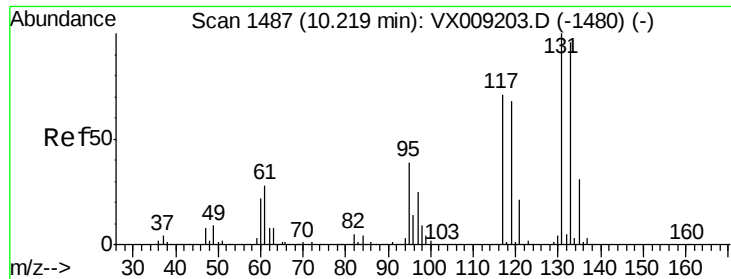
Tgt Ion:112 Resp: 11827

Ion Ratio Lower Upper

112 100

114 31.1 25.5 38.3





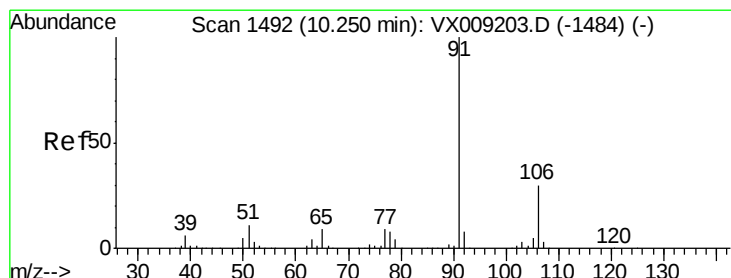
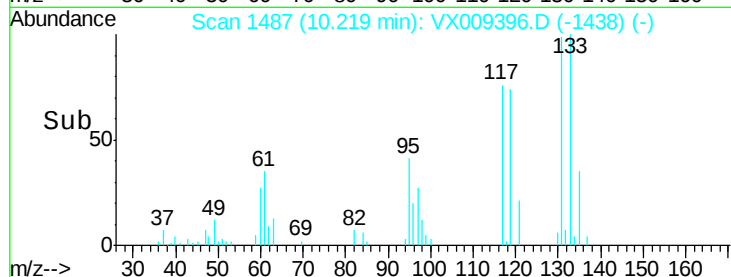
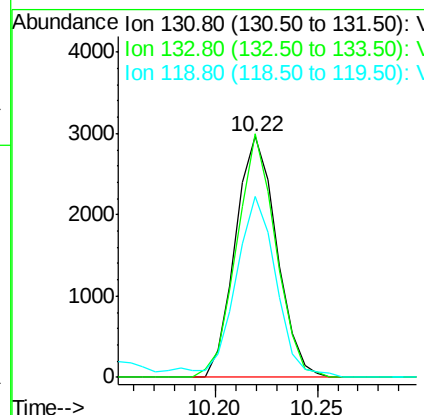
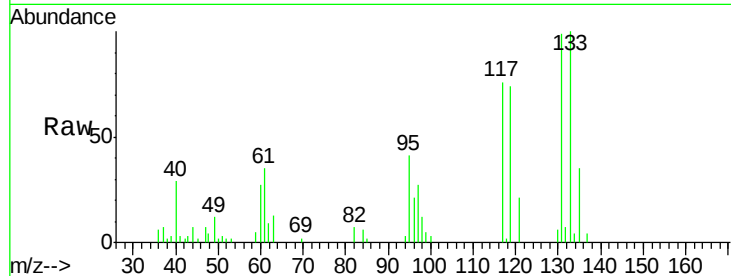
#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 2.483 ug/l  
 RT: 10.22 min Scan# 1487  
 Delta R.T. 0.00 min  
 Lab File: VX009396.D  
 Acq: 08 May 2019 14:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2019

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 95.8  | 47.7  | 143.1 |
| 119     | 75.0  | 33.5  | 100.4 |

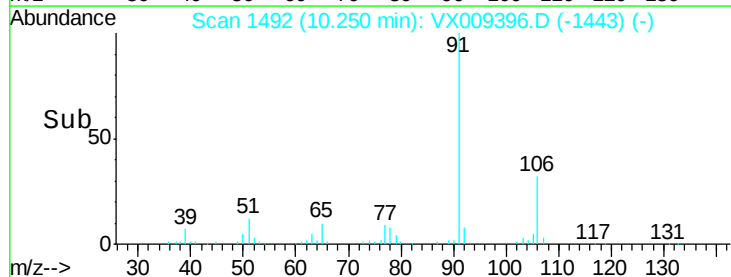
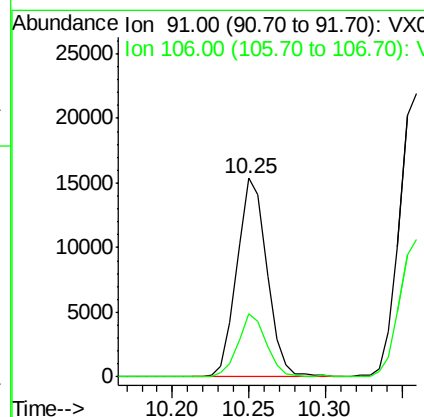
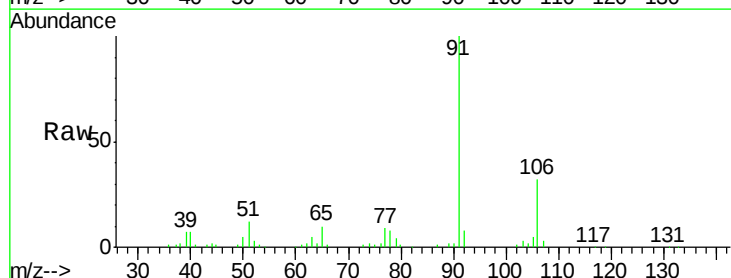
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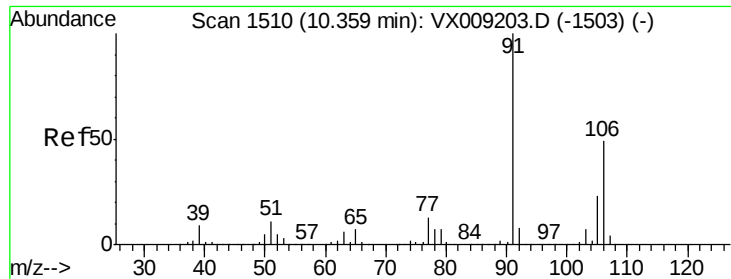
MMDadoda  
 5/9/2019 9:49:29 AM



#67  
 Ethyl Benzene  
 Concen: 2.469 ug/l  
 RT: 10.25 min Scan# 1492  
 Delta R.T. 0.00 min  
 Lab File: VX009396.D  
 Acq: 08 May 2019 14:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 31.7  | 24.0  | 36.0  |





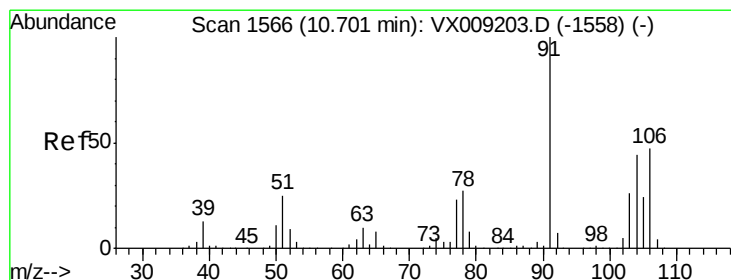
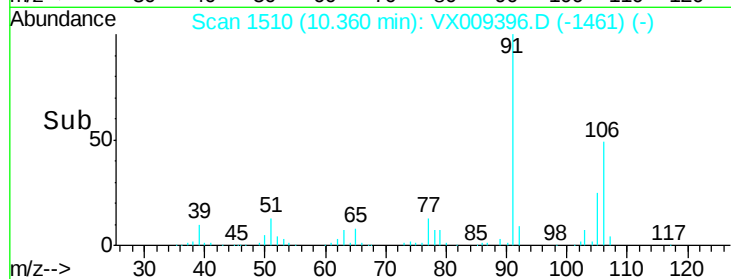
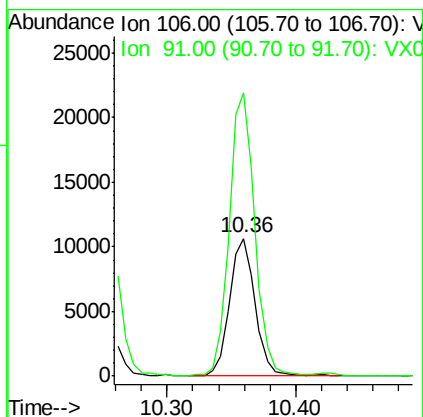
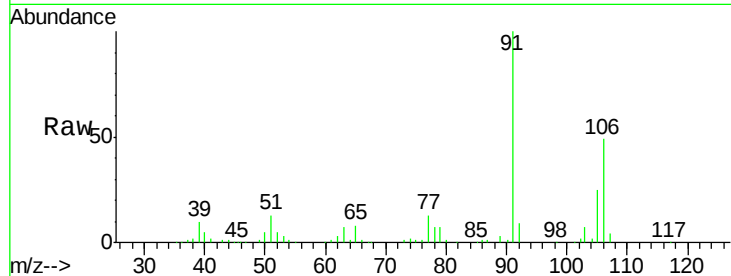
#68  
m/p-Xylenes  
Concen: 4.811 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. 0.00 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2019

Tot Ion:106 Resp: 14938  
Ion Ratio Lower Upper  
106 100  
91 201.3 164.0 246.0

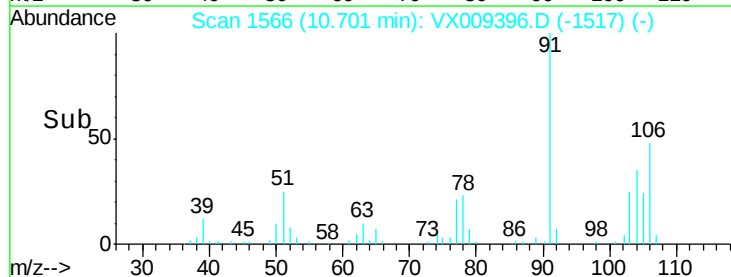
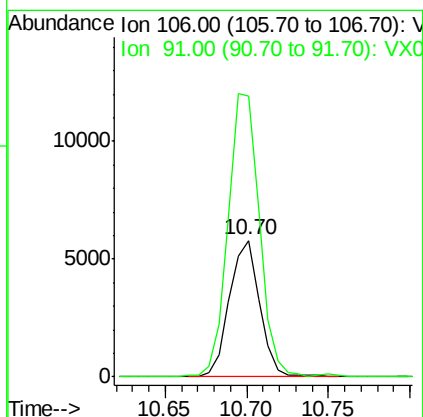
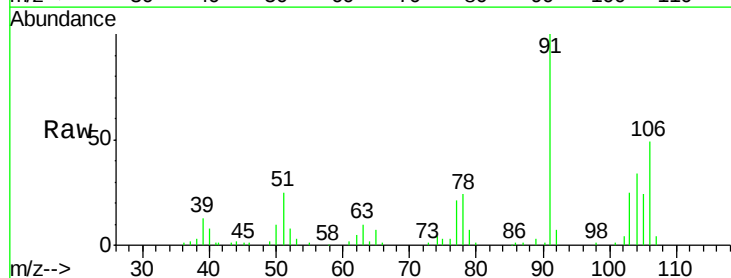
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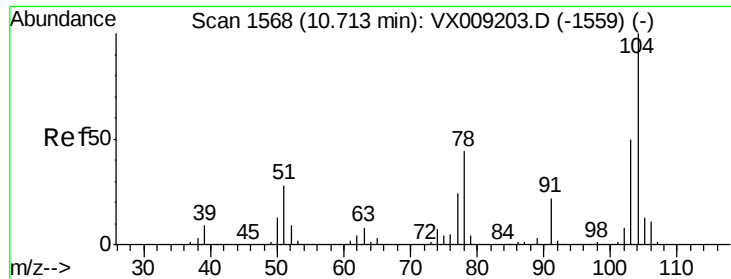
MMDadoda  
5/9/2019 9:49:29 AM



#69  
o-Xylene  
Concen: 2.429 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

Tgt Ion:106 Resp: 7441  
Ion Ratio Lower Upper  
106 100  
91 216.2 109.5 328.4





#70

Stvrene

Concen: 2.333 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

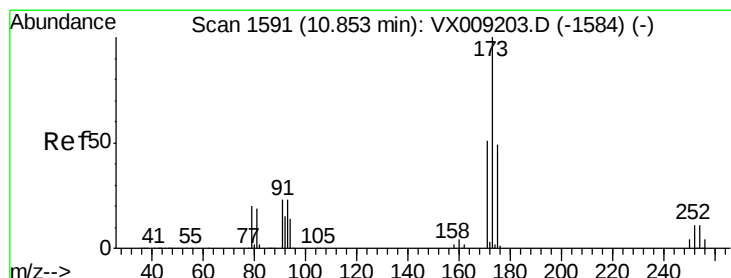
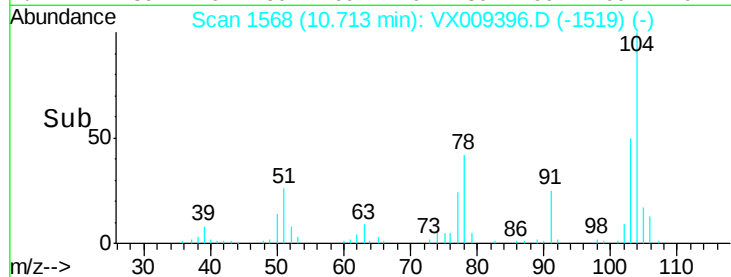
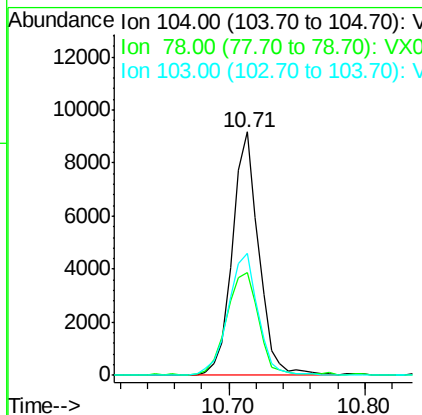
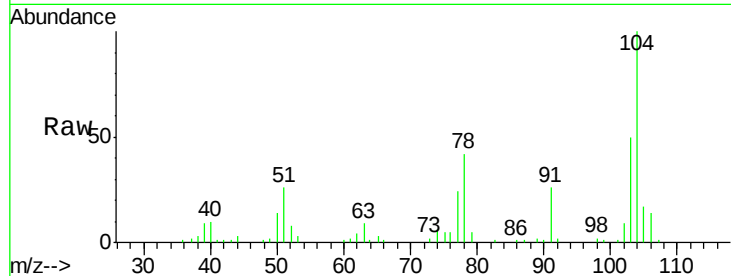
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 104   | Resp: | 12422 |
| Ion Ratio | Lower | Upper |       |
| 104       | 100   |       |       |
| 78        | 51.3  | 41.0  | 61.4  |
| 103       | 56.8  | 43.8  | 65.6  |

Manual Integrations  
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MMDadoda  
5/9/2019 9:49:29 AM



#71

Bromoform

Concen: 2.266 ug/l

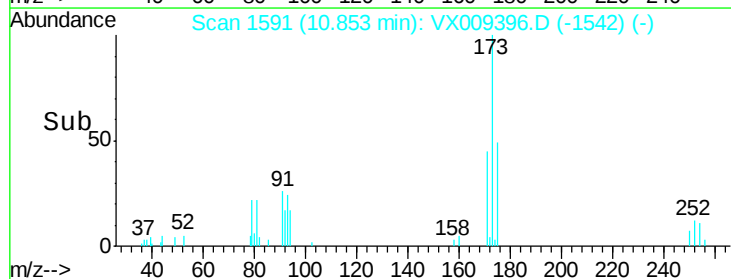
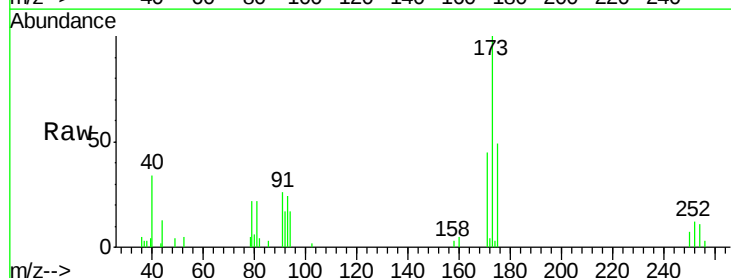
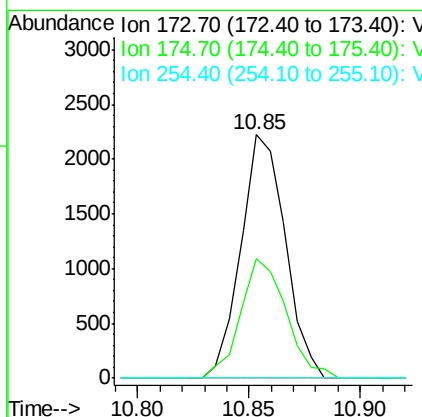
RT: 10.85 min Scan# 1591

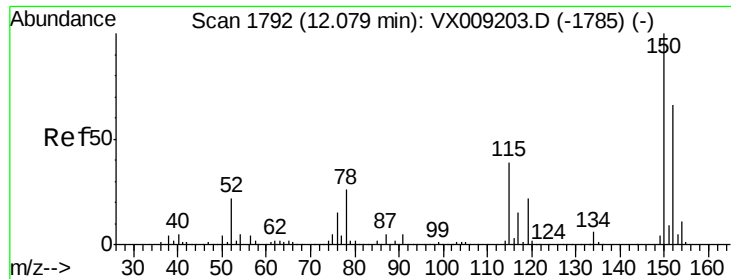
Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 173   | Resp: | 3083 |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 50.5  | 24.5  | 73.5 |
| 254       | 0.0   | 0.1   | 0.1# |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:152 Resp: 105196

Ion Ratio Lower Upper

152 100

115 59.4 41.2 123.6

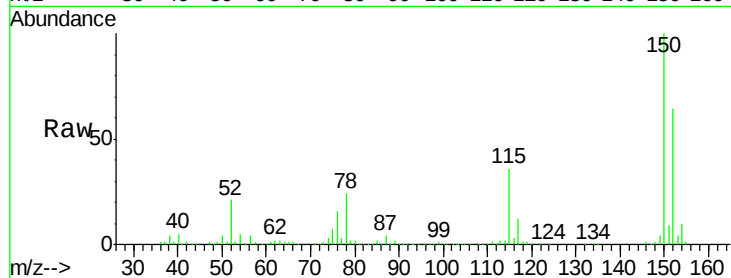
150 156.5 0.0 346.4

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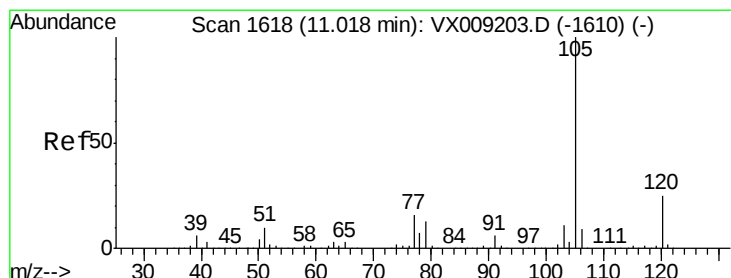
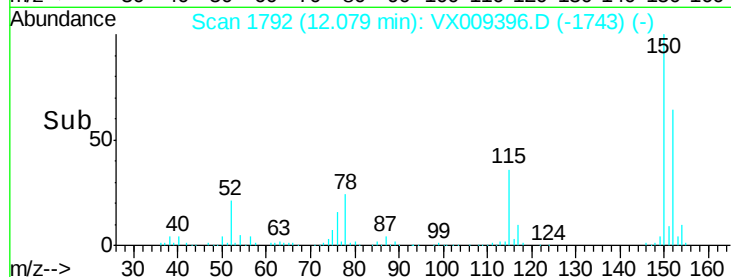
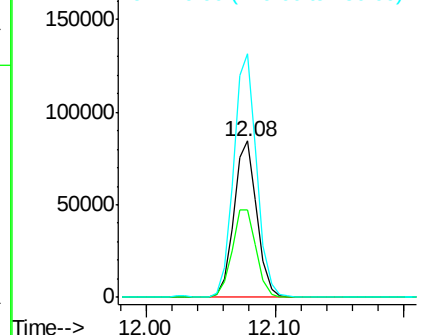
5/9/2019 9:49:29 AM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 2.603 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009396.D

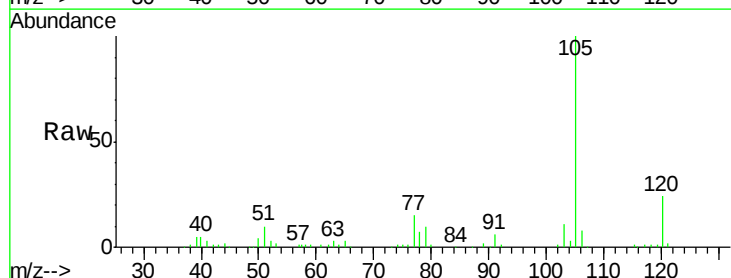
Acq: 08 May 2019 14:23

Tgt Ion:105 Resp: 19915

Ion Ratio Lower Upper

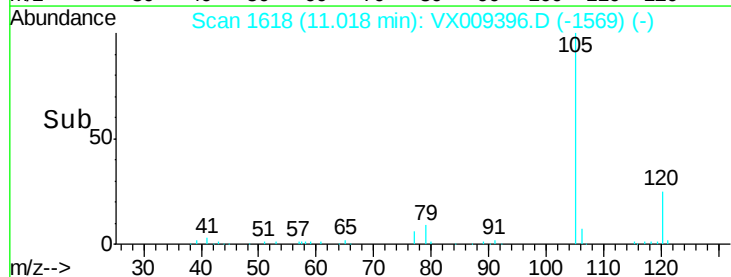
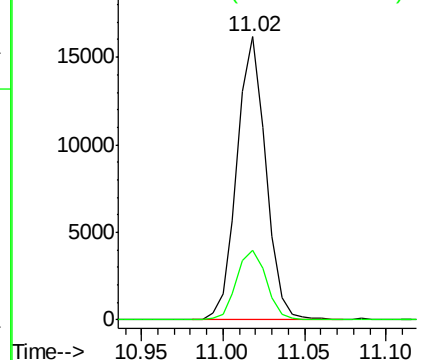
105 100

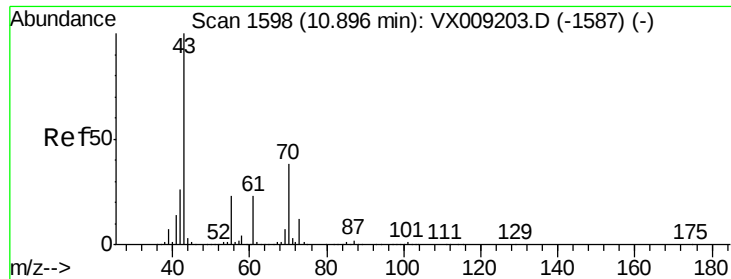
120 25.5 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.370 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

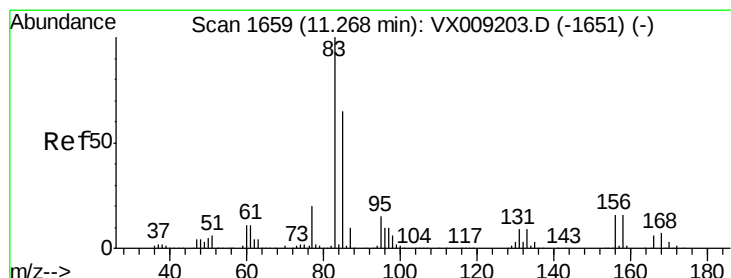
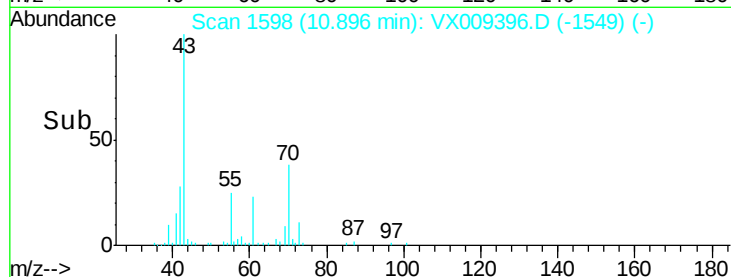
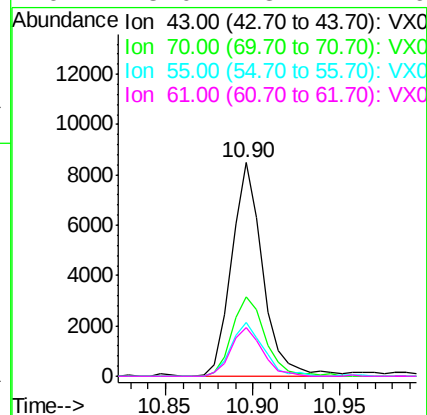
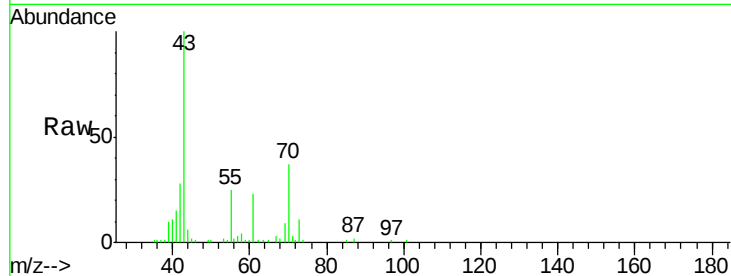
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 10571 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 39.8  | 30.0  | 45.0  |
| 55       | 25.8  | 17.9  | 26.9  |
| 61       | 23.0  | 18.4  | 27.6  |

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#75

1,1,2,2-Tetrachloroethane

Concen: 2.827 ug/l

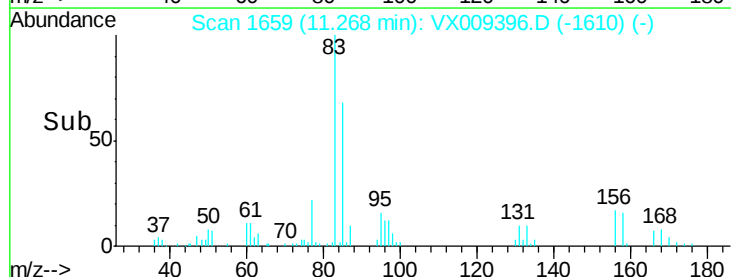
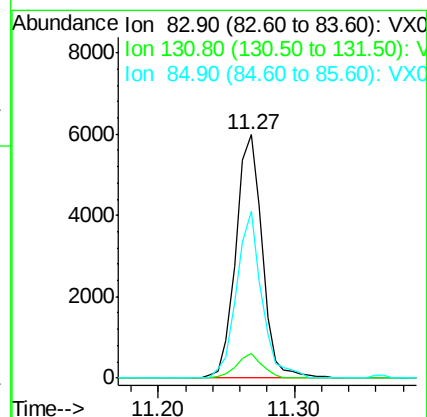
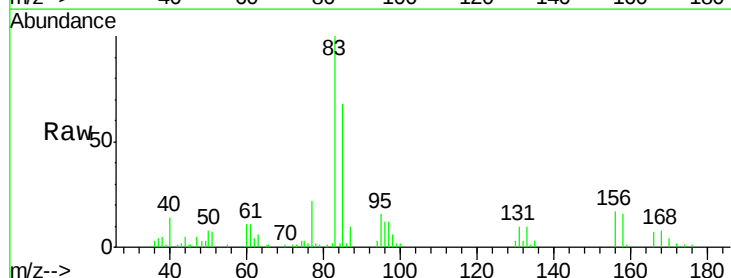
RT: 11.27 min Scan# 1659

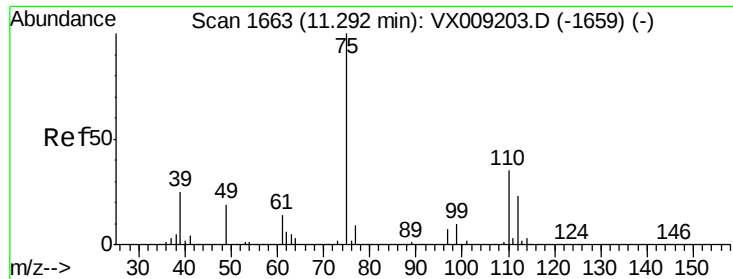
Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 8062  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 9.7   | 4.6   | 13.8  |
| 85       | 65.6  | 32.0  | 96.2  |





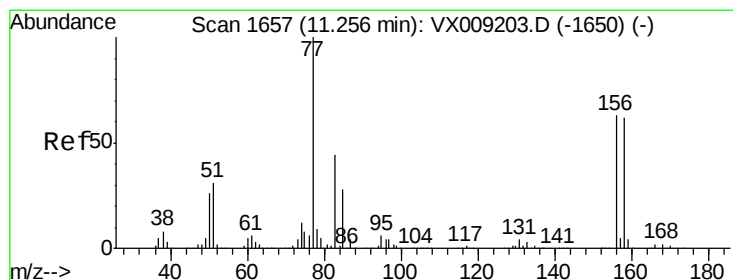
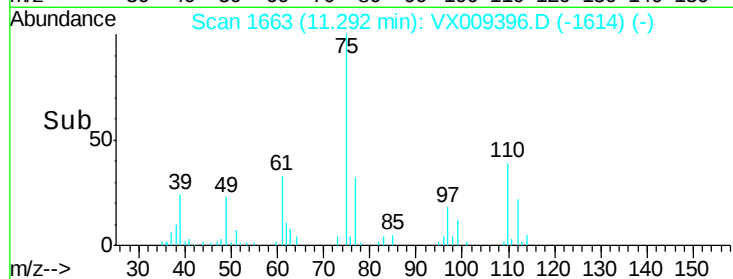
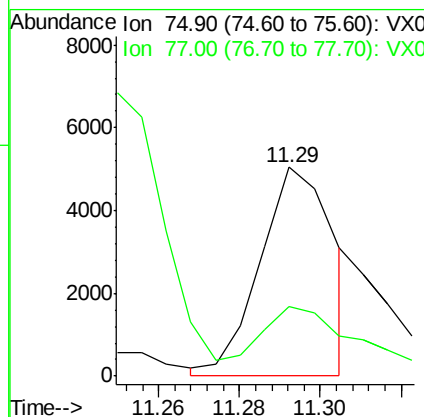
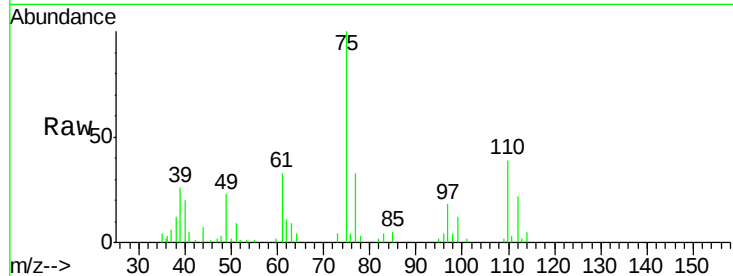
#76  
1,2,3-Trichloropropane  
Concen: 2.598 ug/l m  
RT: 11.29 min Scan# 1663  
Delta R.T. 0.00 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2019

Tot Ion: 75 Resp: 6340  
Ion Ratio Lower Upper  
75 100  
77 45.8 22.1 66.1

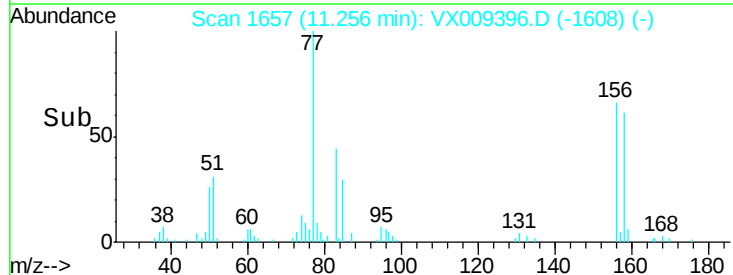
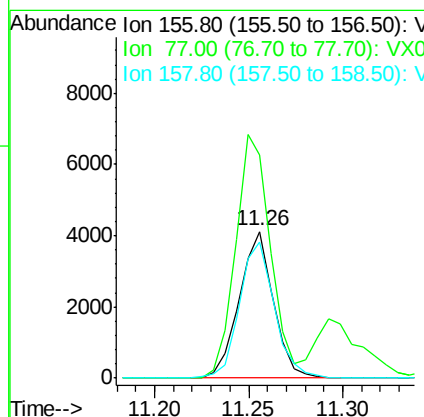
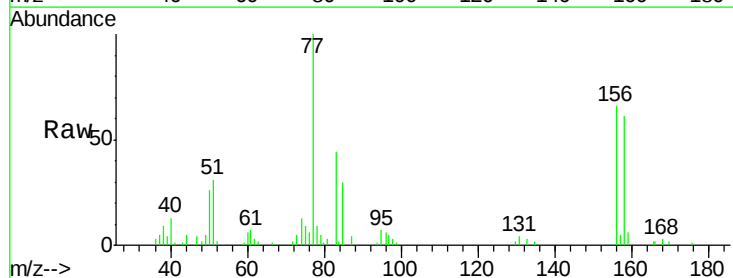
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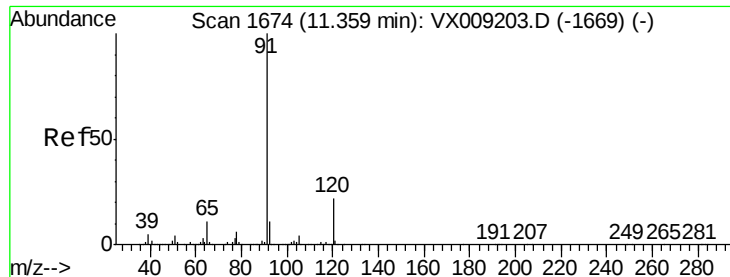
MMDadoda  
5/9/2019 9:49:29 AM



#77  
Bromobenzene  
Concen: 2.713 ug/l  
RT: 11.26 min Scan# 1657  
Delta R.T. 0.00 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

Tgt Ion: 156 Resp: 5152  
Ion Ratio Lower Upper  
156 100  
77 168.8 84.8 254.3  
158 95.4 49.1 147.3





#78

n-propylbenzene

Concen: 2.387 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 91 Resp: 20851

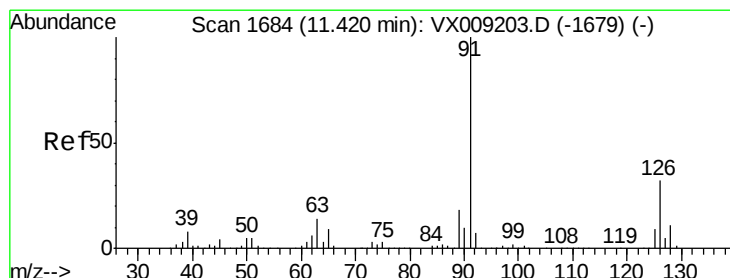
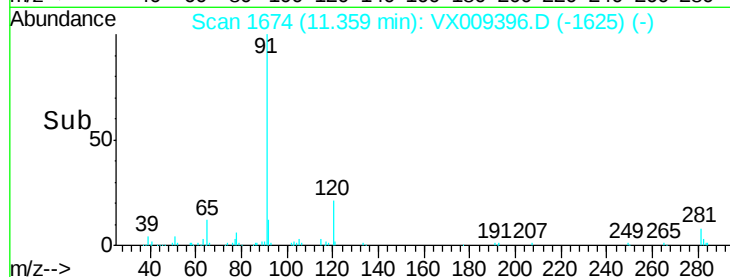
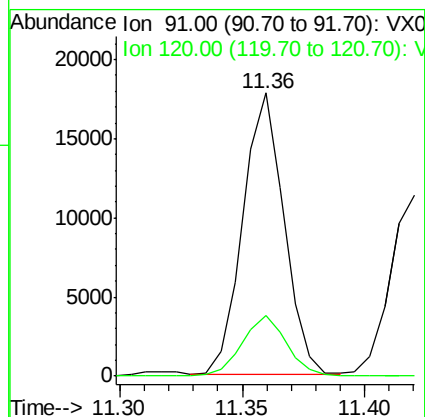
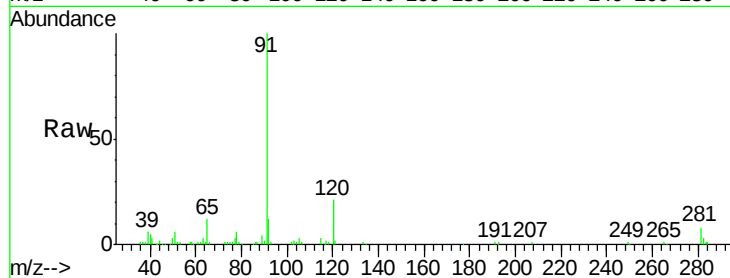
Ion Ratio Lower Upper

91 100

120 23.3 11.0 33.0

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#79

2-Chlorotoluene

Concen: 2.638 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009396.D

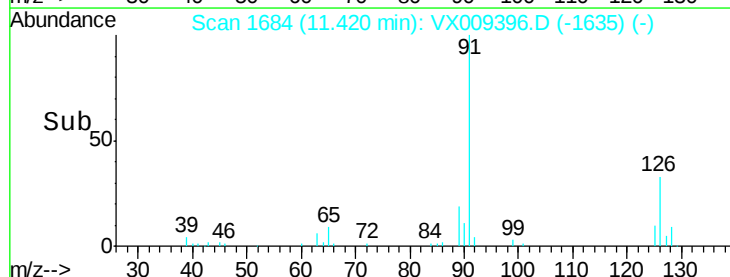
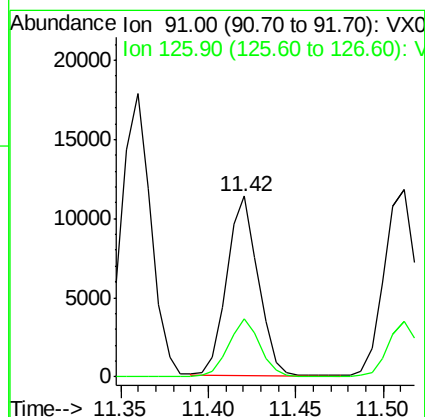
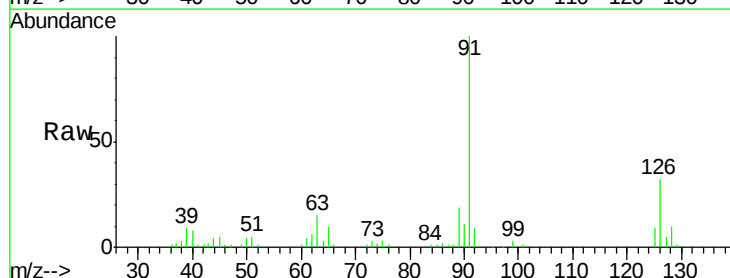
Acq: 08 May 2019 14:23

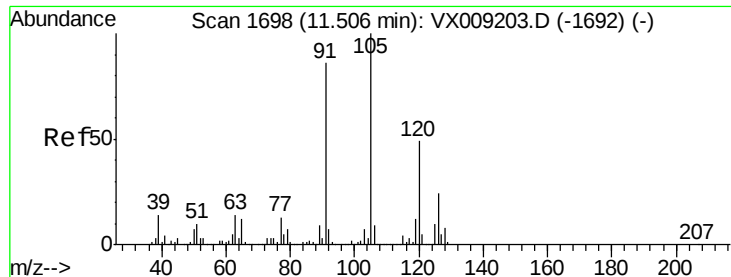
Tgt Ion: 91 Resp: 14216

Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.9





#80

1,3,5-Trimethylbenzene

Concen: 2.534 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion:105 Resp: 16319

Ion Ratio Lower Upper

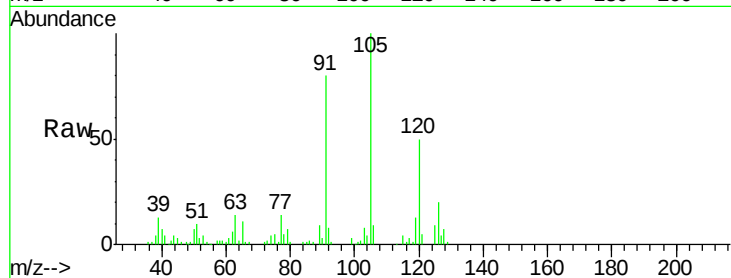
105 100

120 49.3 24.3 72.9

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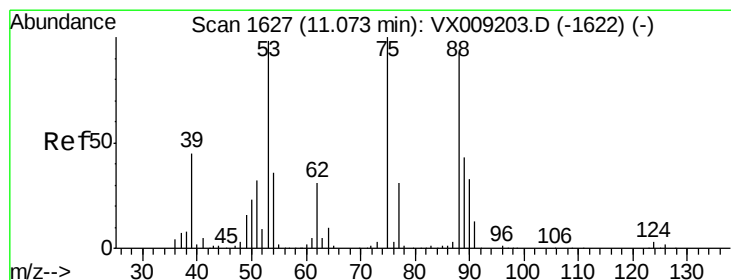
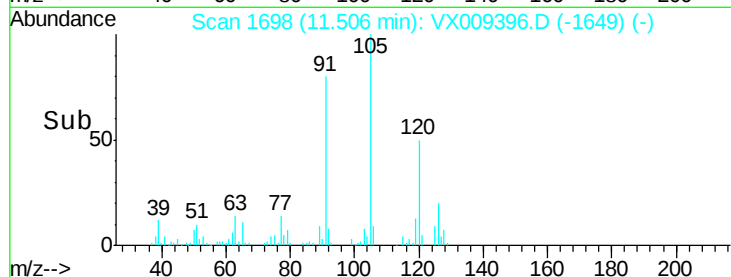
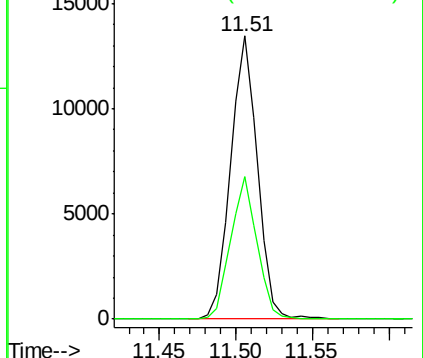
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 1.900 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

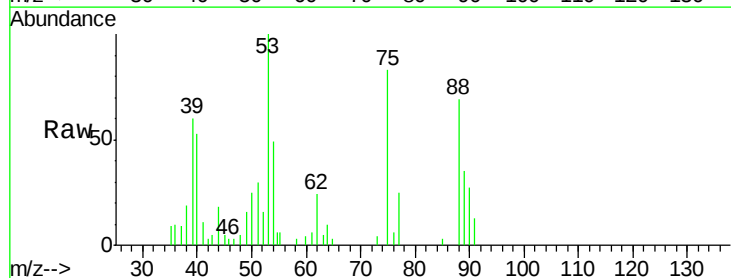
Tgt Ion: 75 Resp: 1812

Ion Ratio Lower Upper

75 100

53 139.0 79.0 118.6#

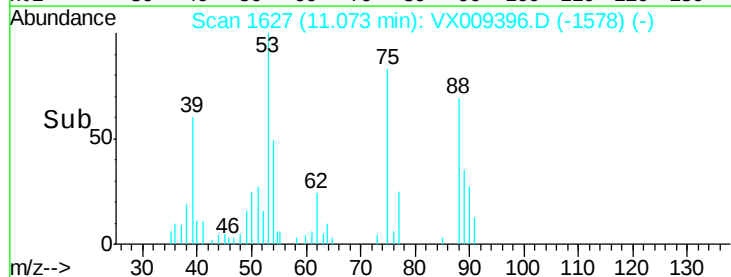
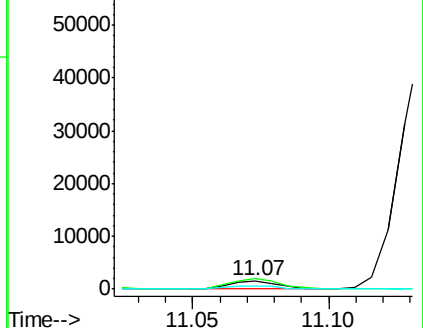
89 49.2 34.7 52.1

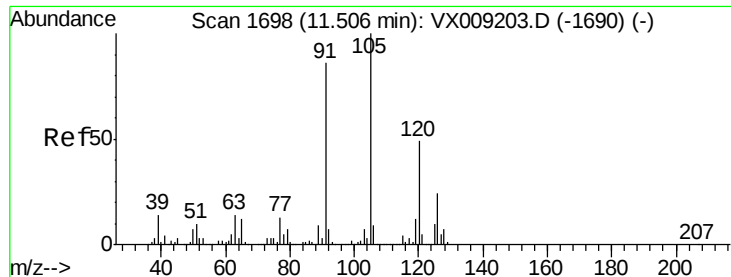


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 2.589 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

Tot Ion: 91 Resp: 15764

Ion Ratio Lower Upper

91 100

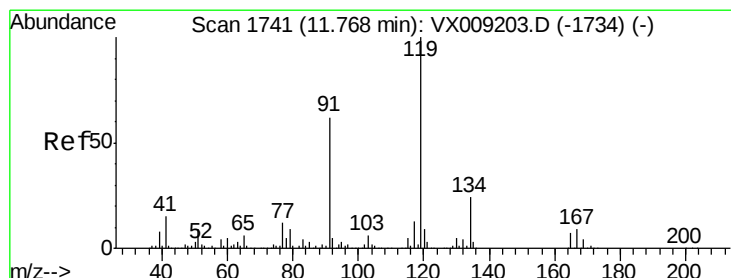
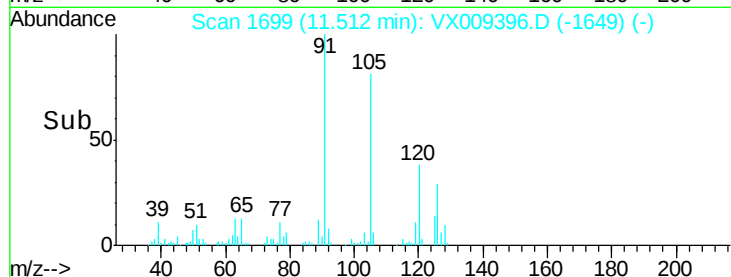
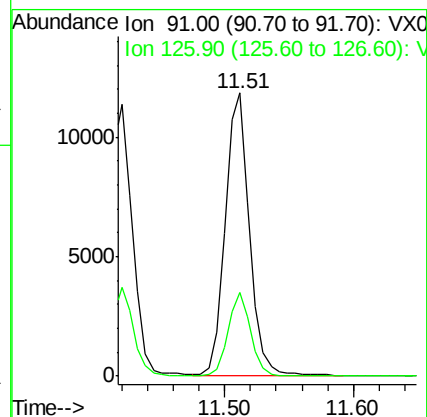
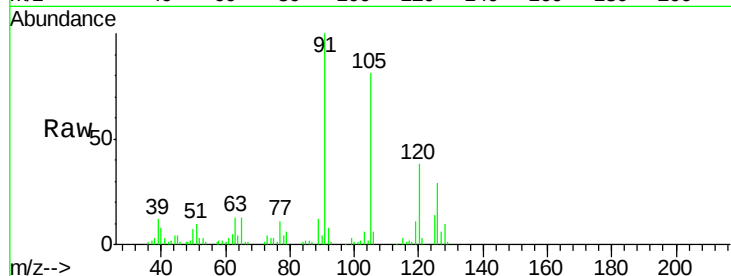
126 27.2 14.5 43.6

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#83

tert-Butylbenzene

Concen: 2.536 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

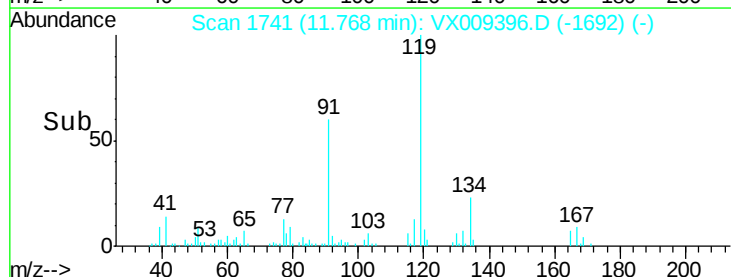
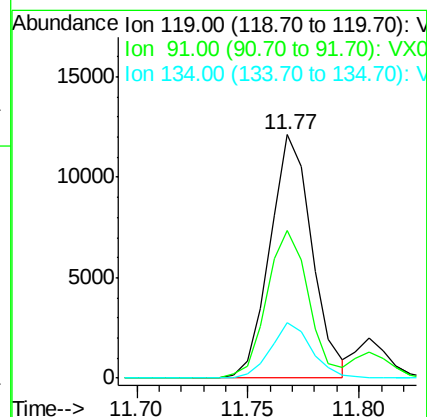
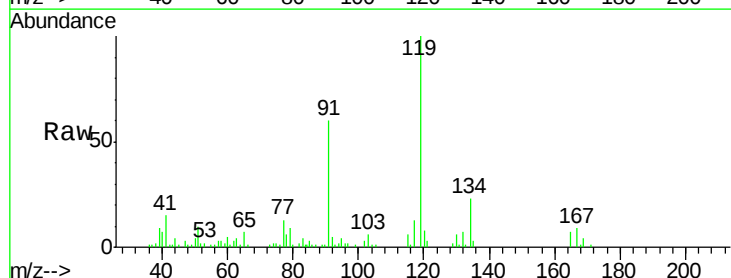
Tgt Ion: 119 Resp: 15892

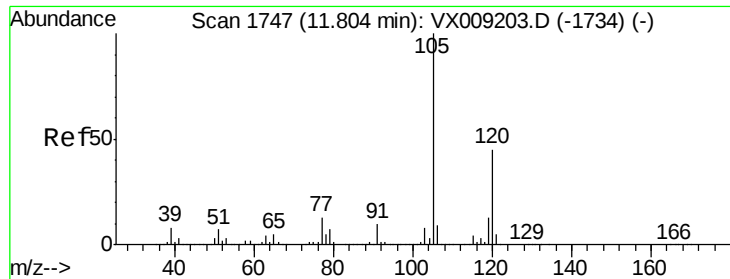
Ion Ratio Lower Upper

119 100

91 60.2 29.5 88.5

134 22.1 11.4 34.1





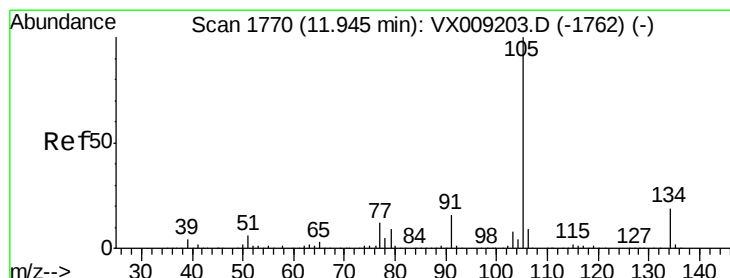
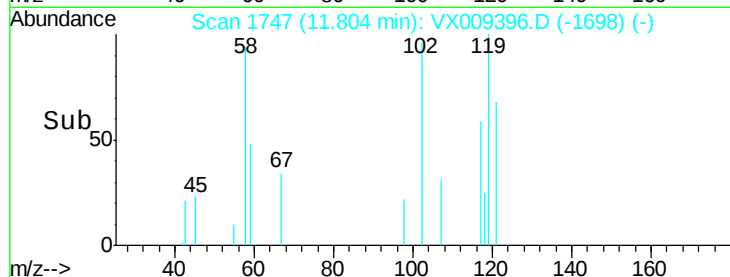
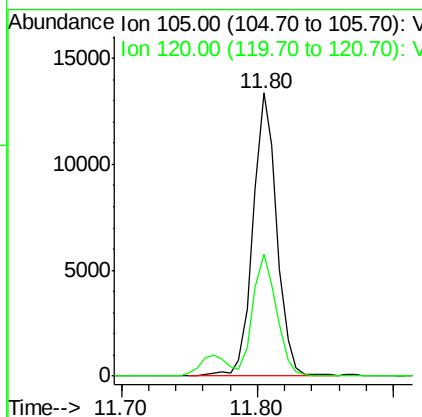
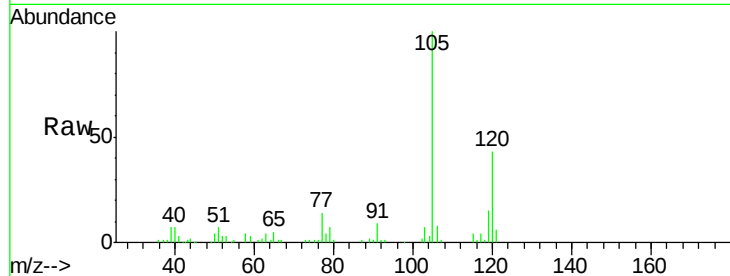
#84  
1,2,4-Trimethylbenzene  
Concen: 2.555 ug/l  
RT: 11.80 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2019

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 105     | 100   | 16521 |       |       |
| 120     | 42.3  |       | 22.0  | 66.0  |

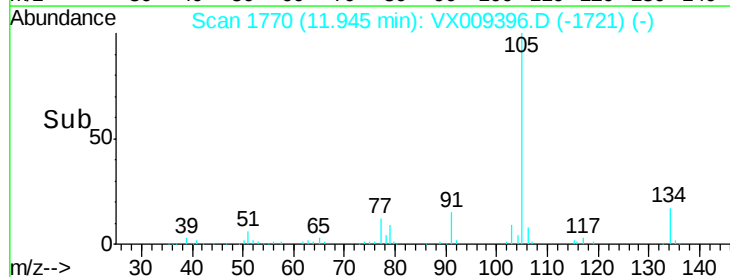
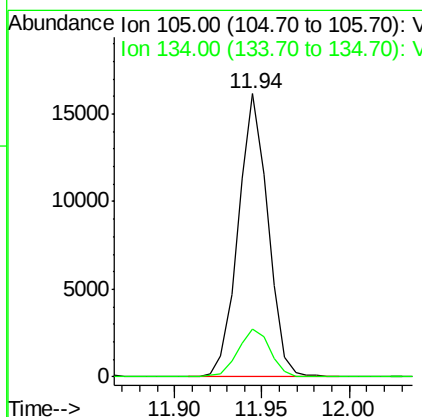
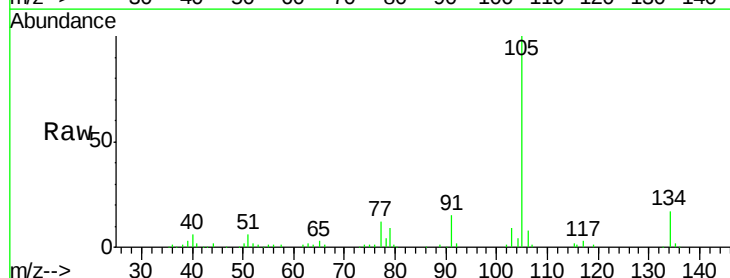
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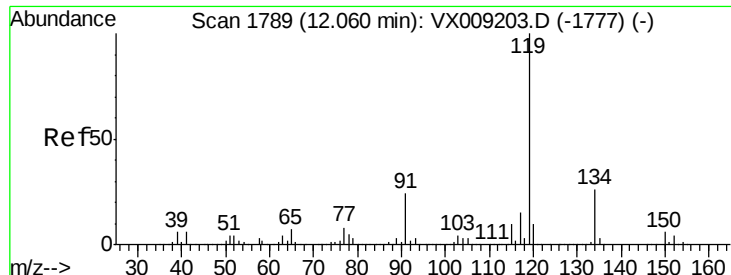
MMDadoda  
5/9/2019 9:49:29 AM



#85  
sec-Butylbenzene  
Concen: 2.558 ug/l  
RT: 11.94 min Scan# 1770  
Delta R.T. 0.00 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 105     | 100   | 19003 |       |       |
| 134     | 18.3  |       | 9.7   | 28.9  |





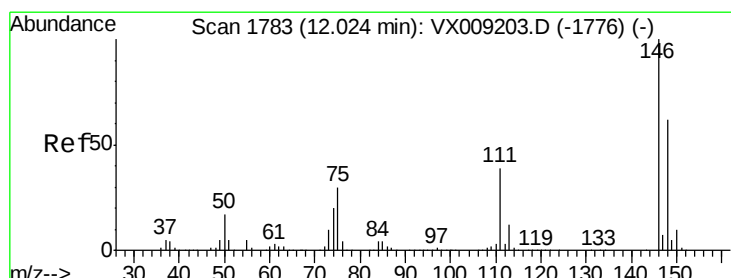
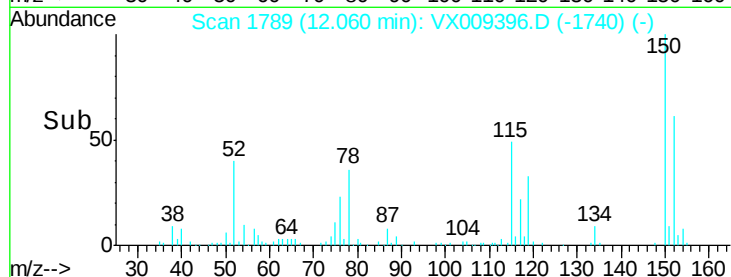
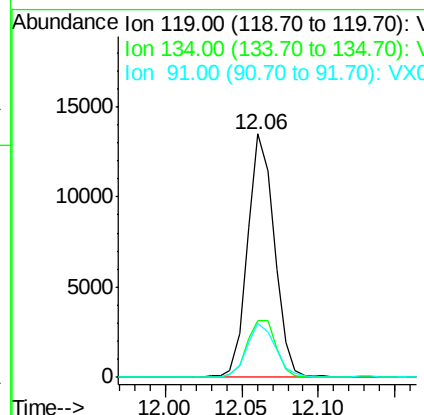
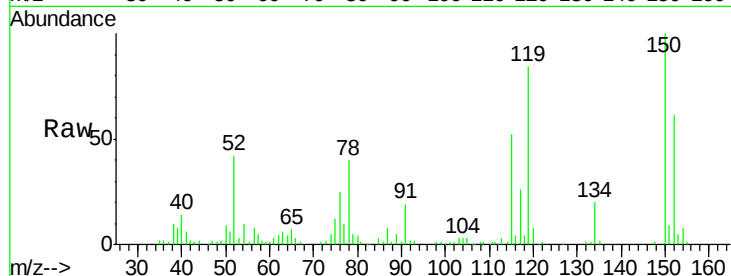
#86  
p-Isopropyltoluene  
Concen: 2.456 ug/l  
RT: 12.06 min Scan# 1789  
Delta R.T. 0.00 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2019

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 119     | 100   | 16401 |       |       |
| 134     | 25.7  | 12.9  | 38.7  |       |
| 91      | 23.7  | 11.8  | 35.4  |       |

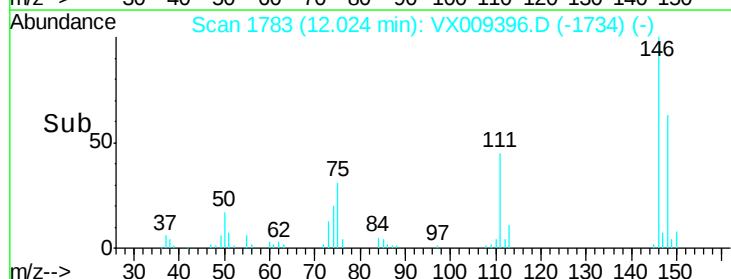
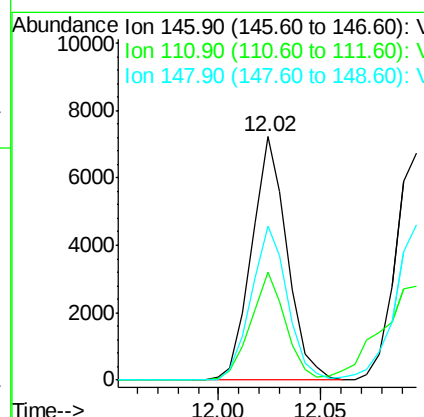
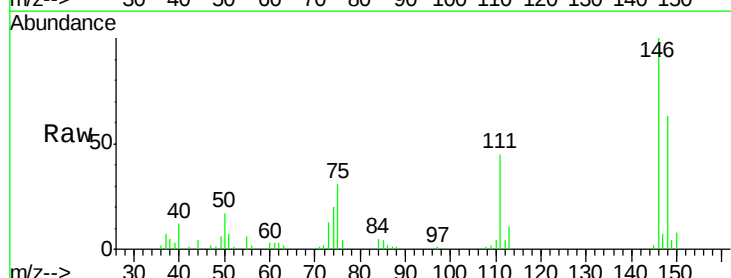
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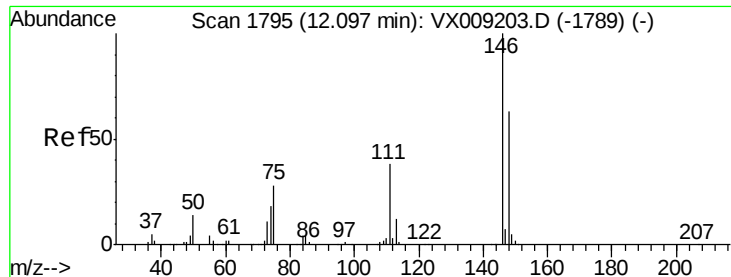
MMDadoda  
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#87  
1,3-Dichlorobenzene  
Concen: 2.579 ug/l  
RT: 12.02 min Scan# 1783  
Delta R.T. 0.00 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   | 8729 |       |       |
| 111     | 43.7  | 20.0 | 59.9  |       |
| 148     | 64.5  | 31.8 | 95.3  |       |





#88

1,4-Dichlorobenzene

Concen: 2.528 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

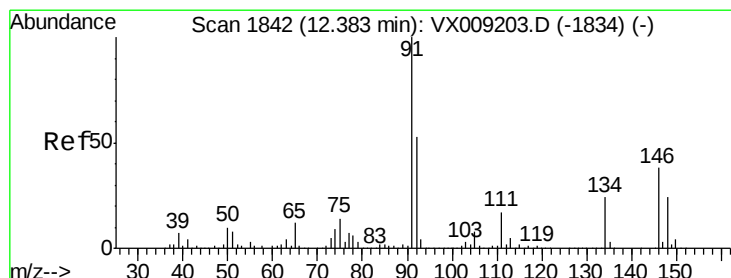
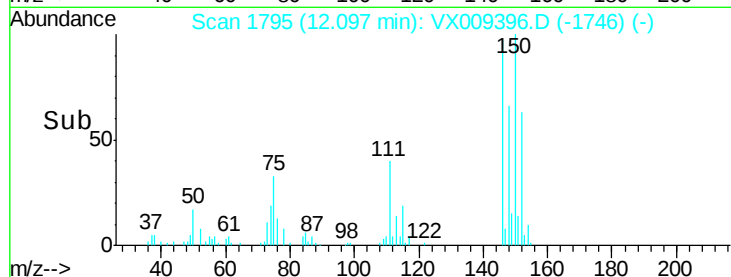
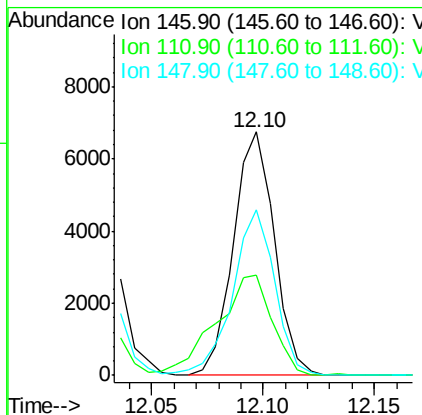
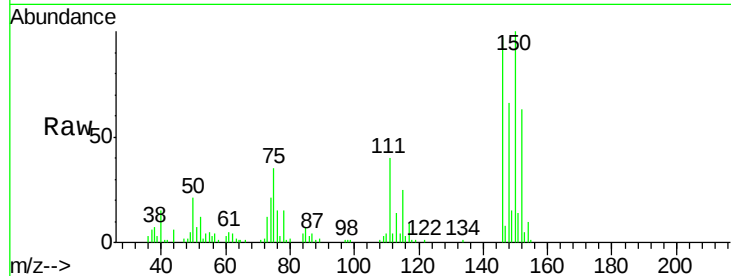
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 146   | Resp: | 8627  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 56.2  | 19.6  | 58.8  |
| 148      | 70.3  | 31.8  | 95.3  |

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#89

n-Butylbenzene

Concen: 2.245 ug/l

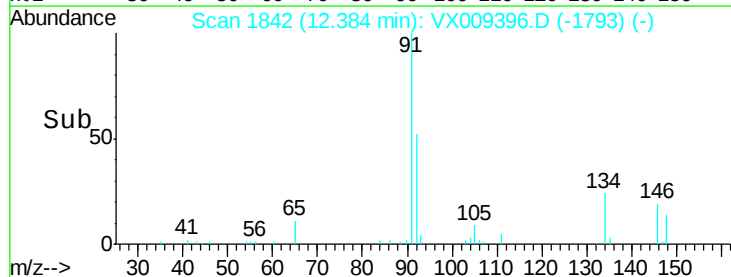
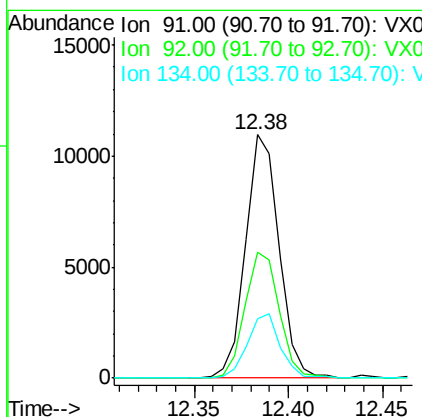
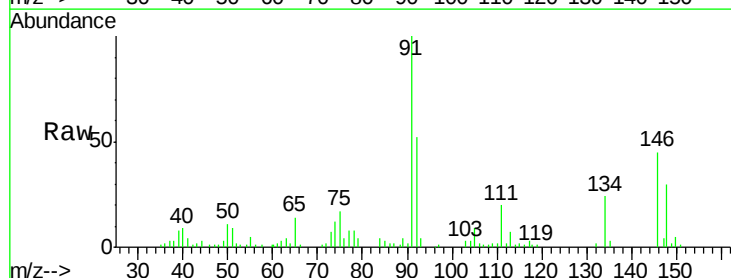
RT: 12.38 min Scan# 1842

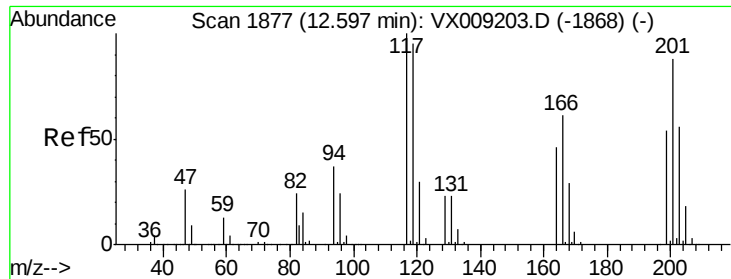
Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 13554 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 52.9  | 26.5  | 79.5  |
| 134      | 25.8  | 12.4  | 37.2  |





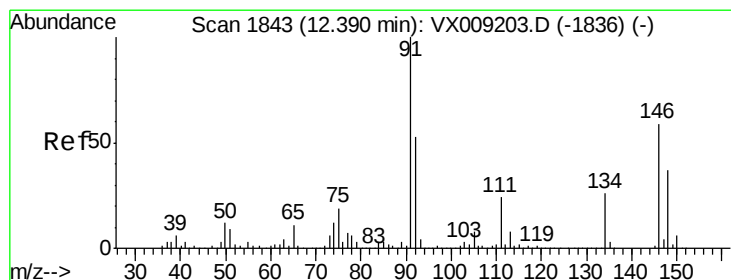
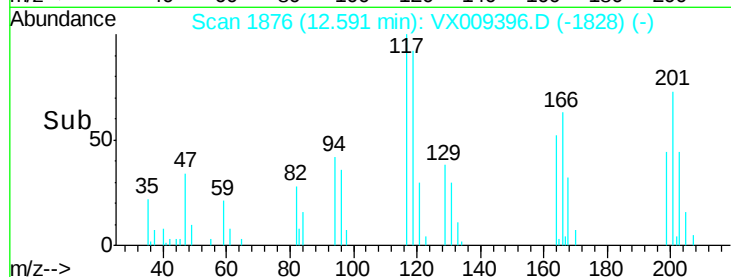
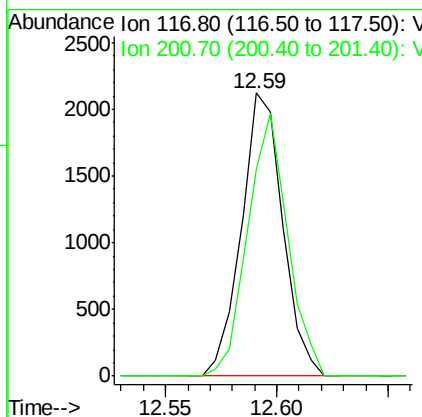
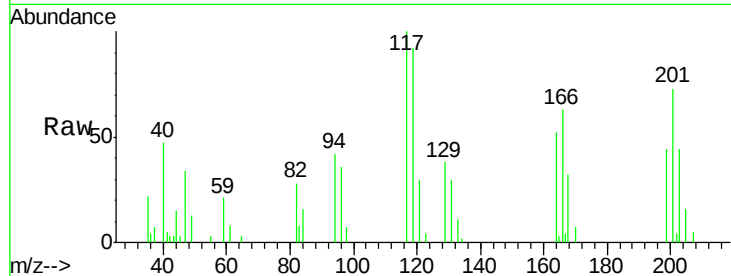
#90  
Hexachloroethane  
Concen: 2.412 ug/l  
RT: 12.59 min Scan# 1876  
Delta R.T. -0.01 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2019

Tot Ion:117 Resp: 2744  
Ion Ratio Lower Upper  
117 100  
201 89.9 42.3 126.9

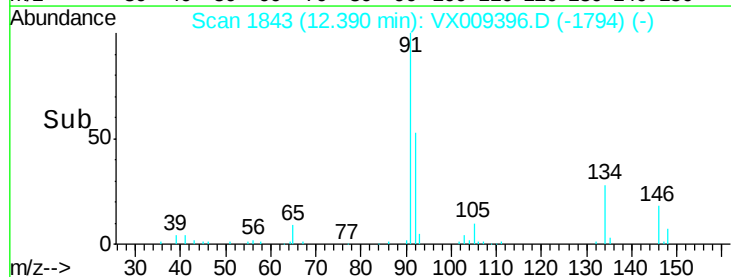
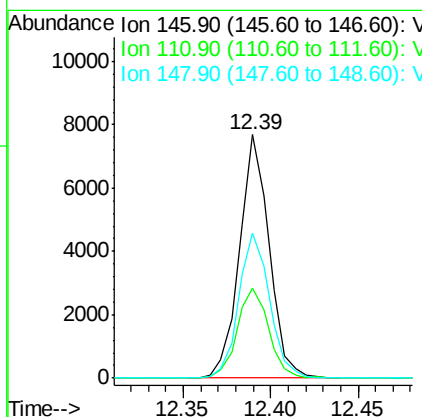
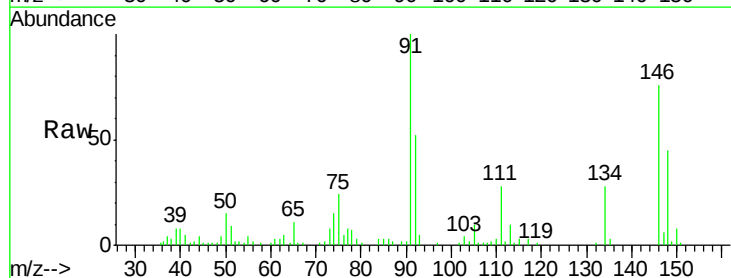
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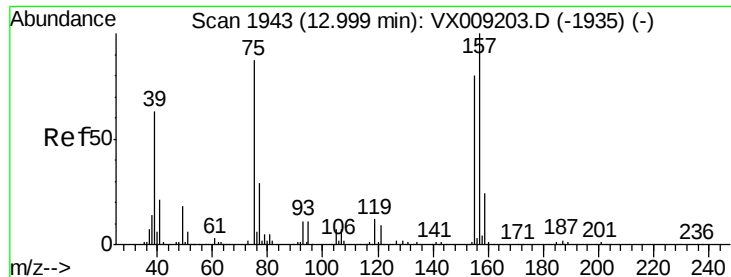
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#91  
1,2-Dichlorobenzene  
Concen: 2.624 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. 0.00 min  
Lab File: VX009396.D  
Acq: 08 May 2019 14:23

Tgt Ion:146 Resp: 9047  
Ion Ratio Lower Upper  
146 100  
111 39.5 20.8 62.4  
148 61.9 31.9 95.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.765 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

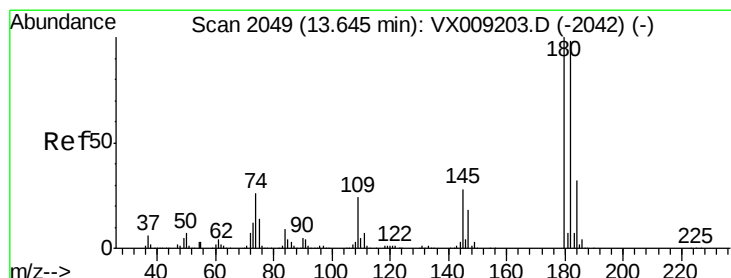
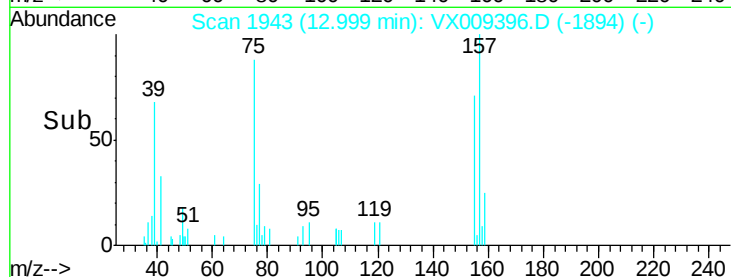
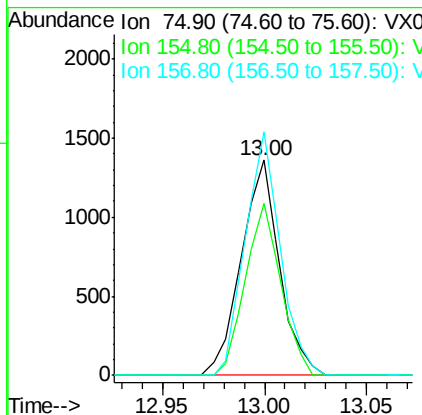
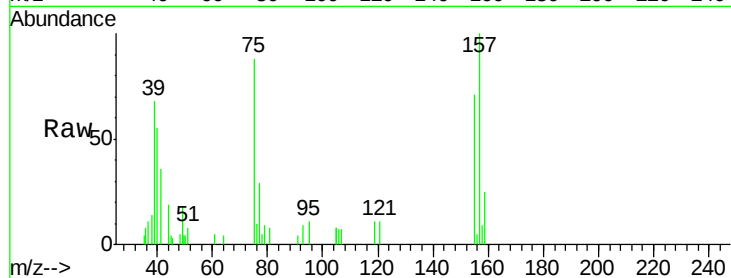
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 1769  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 74.5  | 42.0  | 126.0 |
| 157      | 104.1 | 53.2  | 159.6 |

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#93

1,2,4-Trichlorobenzene

Concen: 2.612 ug/l

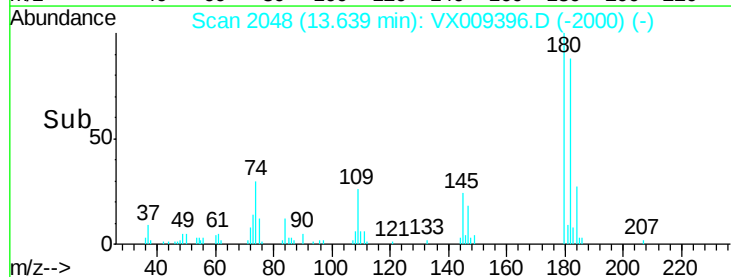
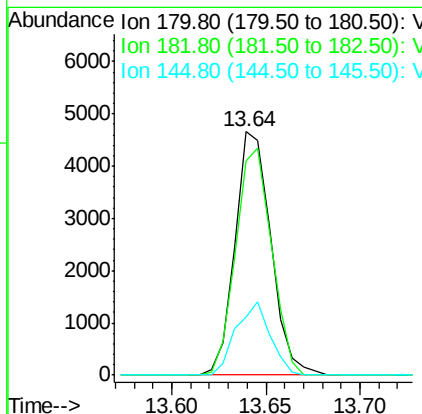
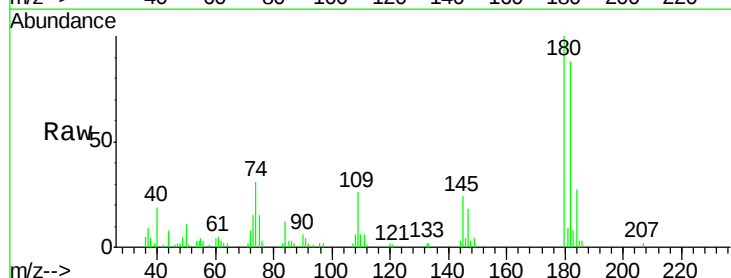
RT: 13.64 min Scan# 2048

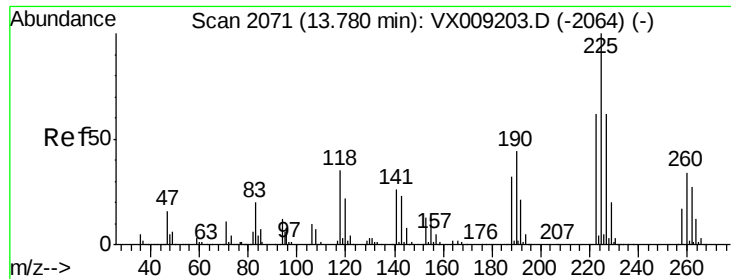
Delta R.T. -0.01 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 6157  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 93.2  | 48.4  | 145.2 |
| 145      | 28.7  | 14.6  | 43.8  |





#94

Hexachlorobutadiene

Concen: 2.506 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

Instrument :

MSVOA\_X

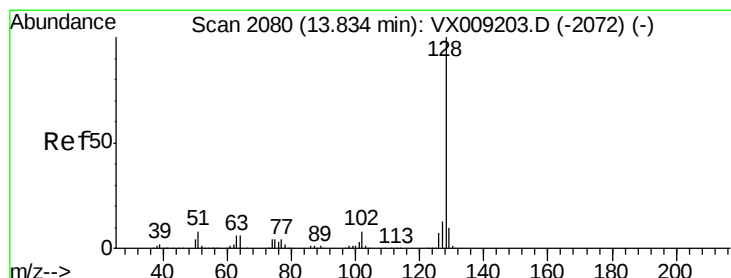
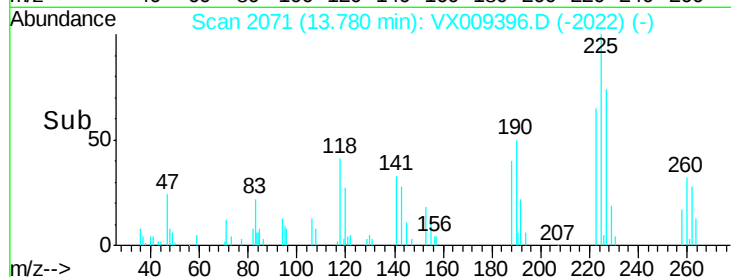
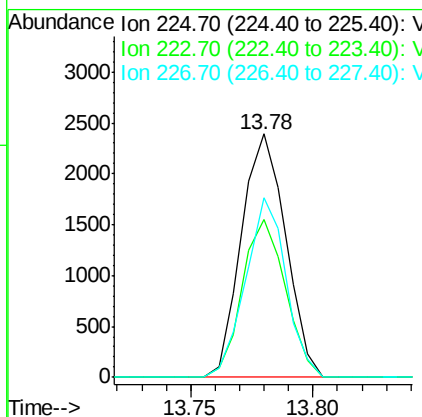
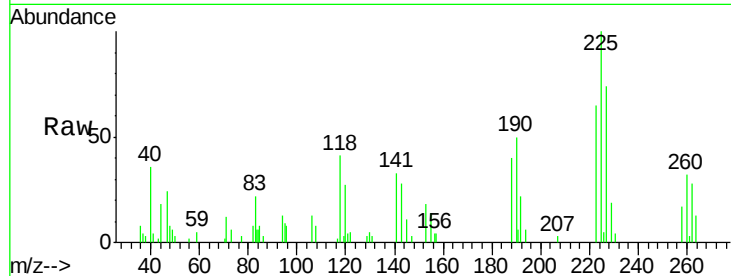
ClientSampleId :

LOD-MDL-WATER-01-QT2-2019

|           |      |       |       |
|-----------|------|-------|-------|
| Tot Ion:  | 225  | Resp: | 3017  |
| Ion Ratio |      | Lower | Upper |
| 225       | 100  |       |       |
| 223       | 63.3 | 31.3  | 93.8  |
| 227       | 67.3 | 31.8  | 95.3  |

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#95

Naphthalene

Concen: 2.576 ug/l

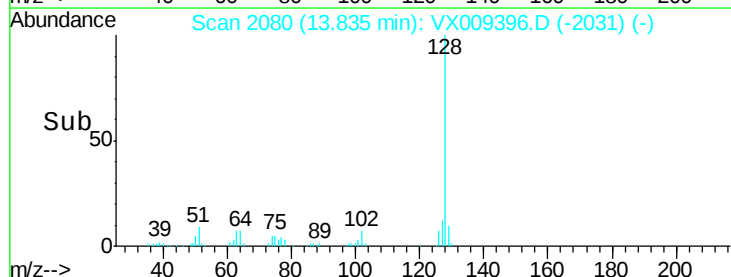
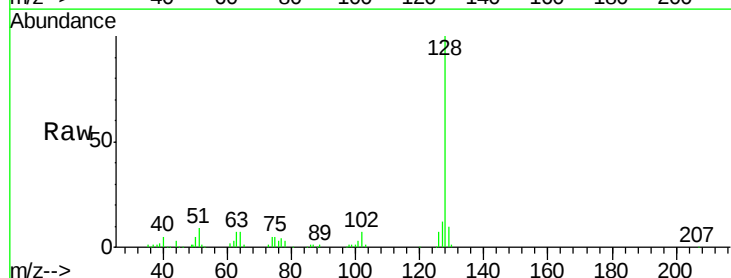
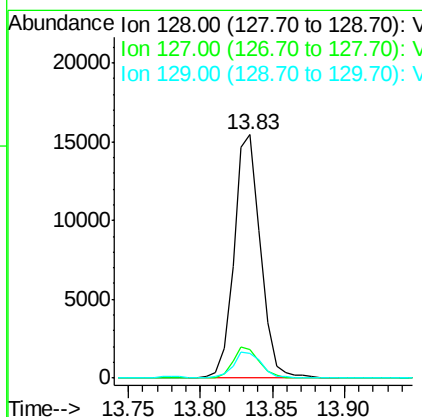
RT: 13.83 min Scan# 2080

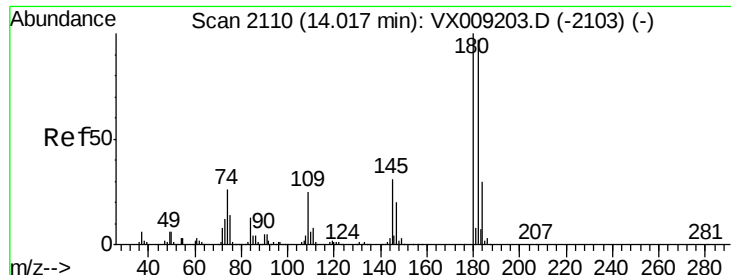
Delta R.T. 0.00 min

Lab File: VX009396.D

Acq: 08 May 2019 14:23

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 128  | Resp: | 19759 |
| Ion Ratio |      | Lower | Upper |
| 128       | 100  |       |       |
| 127       | 13.1 | 10.4  | 15.6  |
| 129       | 11.3 | 8.6   | 13.0  |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 2.699 ug/l  
 RT: 14.02 min Scan# 2110  
 Delta R.T. 0.00 min  
 Lab File: VX009396.D  
 Acq: 08 May 2019 14:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2019

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 94.0  | 47.8       | 143.4      |
| 145     | 31.2  | 15.4       | 46.4       |

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