

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041318\  
 Data File : VX000850.D  
 Acq On : 13 Apr 2018 15:33  
 Operator : JC/MD  
 Sample : J2133-08 LOO 2.0PPB  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2018

Manual Integrations  
 APPROVED

MMDadoda  
 4/16/2018 12:59:58 PM

Quant Time: Apr 14 06:55:27 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X041018W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 10 15:49:28 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 245954   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 331583   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 311752   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 205978   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.08   | 65  | 154053   | 49.68 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.36% |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 126774   | 49.62 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.24% |      |
| 50) Toluene-d8            | 8.73   | 98  | 472403   | 49.66 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.32% |      |
| 62) 4-Bromofluorobenzene  | 11.15  | 95  | 188144   | 47.81 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.62% |      |

## Target Compounds

|                               |      |     |       |       |        | Qvalue |
|-------------------------------|------|-----|-------|-------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 5498  | 1.98  | ug/l   | 96     |
| 3) Chloromethane              | 1.32 | 50  | 5046  | 2.12  | ug/l   | 97     |
| 4) Vinyl Chloride             | 1.40 | 62  | 5998  | 2.24  | ug/l   | 97     |
| 5) Bromomethane               | 1.64 | 94  | 3515  | 1.84  | ug/l   | 94     |
| 6) Chloroethane               | 1.73 | 64  | 4979  | 3.07  | ug/l   | 100    |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 8616  | 2.13  | ug/l   | 100    |
| 8) Diethyl Ether              | 2.19 | 74  | 3315  | 2.20  | ug/l   | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 5345  | 2.24  | ug/l   | 94     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 4730  | 2.10  | ug/l   | 98     |
| 14) Allyl chloride            | 2.73 | 41  | 8523  | 2.04  | ug/l   | 98     |
| 15) Acrylonitrile             | 3.15 | 53  | 14422 | 12.29 | ug/l   | 98     |
| 16) Acetone                   | 2.45 | 43  | 13433 | 12.56 | ug/l   | 99     |
| 17) Carbon Disulfide          | 2.57 | 76  | 13671 | 2.00  | ug/l   | 97     |
| 18) Methyl Acetate            | 2.79 | 43  | 7171  | 2.59  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 16530 | 2.20  | ug/l   | 97     |
| 20) Methylene Chloride        | 2.86 | 84  | 5973  | 2.40  | ug/l   | 92     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 5386  | 2.16  | ug/l   | 92     |
| 22) Diisopropyl ether         | 3.89 | 45  | 17549 | 2.29  | ug/l   | 93     |
| 23) Vinyl Acetate             | 3.83 | 43  | 73536 | 10.92 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 9651  | 2.24  | ug/l   | 98     |
| 25) 2-Butanone                | 4.73 | 43  | 21941 | 12.42 | ug/l   | 94     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 8566  | 2.00  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 4.61 | 96  | 6371  | 2.26  | ug/l   | 96     |
| 28) Bromochloromethane        | 5.03 | 49  | 4240  | 2.45  | ug/l # | 96     |
| 29) Tetrahydrofuran           | 5.18 | 42  | 14749 | 13.15 | ug/l   | 95     |
| 30) Chloroform                | 5.22 | 83  | 9597  | 2.11  | ug/l   | 99     |
| 31) Cyclohexane               | 5.59 | 56  | 9126  | 2.23  | ug/l   | 93     |
| 32) 1,1,1-Trichloroethane     | 5.51 | 97  | 9131  | 2.10  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 5.81 | 75  | 7679  | 2.10  | ug/l # | 72     |
| 37) Ethyl Acetate             | 4.89 | 43  | 7861  | 2.21  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 8059  | 1.97  | ug/l   | 98     |
| 39) Methylcyclohexane         | 7.47 | 83  | 9137  | 2.08  | ug/l   | 95     |
| 40) Benzene                   | 6.15 | 78  | 22125 | 2.18  | ug/l   | 100    |
| 41) Methacrylonitrile         | 5.08 | 41  | 4750  | 2.31  | ug/l   | 97     |

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 ALS Vial : 11 Sample Multiplier: 1

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 MSVOA\_X  
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 LOQ-WATER-02-QT2-2018

Manual Integrations  
 APPROVED

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 4/16/2018 12:59:58 PM

Quant Time: Apr 14 06:55:27 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X041018W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 10 15:49:28 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 42) 1,2-Dichloroethane         | 6.21  | 62   | 8381     | 2.21  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.48  | 43   | 13177    | 2.16  | ug/l   | 99       |
| 44) Trichloroethene            | 7.22  | 130  | 6736     | 2.13  | ug/l   | 92       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 5497     | 2.13  | ug/l   | 97       |
| 46) Dibromomethane             | 7.67  | 93   | 3773     | 2.09  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 6980     | 1.92  | ug/l   | 93       |
| 48) Methyl methacrylate        | 7.79  | 41   | 6863     | 2.17  | ug/l   | 100      |
| 49) 1,4-Dioxane                | 7.77  | 88   | 2771     | 43.52 | ug/l # | 92       |
| 51) 4-Methyl-2-Pentanone       | 8.66  | 43   | 39941    | 11.12 | ug/l   | 100      |
| 52) Toluene                    | 8.79  | 92   | 14105    | 2.10  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 8.45  | 75   | 8094     | 1.86  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 7283     | 1.72  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.23  | 97   | 5744     | 2.15  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.19  | 69   | 8659     | 2.10  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 9709     | 2.29  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 21836    | 11.34 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.51  | 43   | 31119    | 11.23 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 5404     | 1.69  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 5928     | 2.09  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 6899     | 2.26  | ug/l   | 96       |
| 65) Chlorobenzene              | 10.15 | 112  | 16831    | 2.15  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 5669     | 1.92  | ug/l   | 97       |
| 67) Ethyl Benzene              | 10.26 | 91   | 27723    | 2.12  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.37 | 106  | 21435    | 4.15  | ug/l   | 98       |
| 69) o-Xylene                   | 10.71 | 106  | 10397    | 2.09  | ug/l   | 99       |
| 70) Styrene                    | 10.72 | 104  | 16665    | 1.99  | ug/l   | 99       |
| 71) Bromoform                  | 10.87 | 173  | 4687     | 1.71  | ug/l # | 96       |
| 73) Isopropylbenzene           | 11.02 | 105  | 28427    | 2.18  | ug/l   | 99       |
| 74) N-amyl acetate             | 6.48  | 43   | 13177    | 2.24  | ug/l # | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 8262     | 2.18  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 7888m    | 2.22  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 8284     | 2.16  | ug/l   | 96       |
| 78) n-propylbenzene            | 11.37 | 91   | 32499    | 2.17  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 19349    | 2.19  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 23618    | 2.10  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 1953m    | 1.51  | ug/l   |          |
| 82) 4-Chlorotoluene            | 11.52 | 91   | 22932    | 2.15  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.78 | 119  | 24339    | 2.12  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 24205    | 2.09  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.95 | 105  | 29001    | 2.14  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 26480    | 2.09  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 15179    | 2.14  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 16026    | 2.21  | ug/l   | 89       |
| 89) n-Butylbenzene             | 12.40 | 91   | 23278    | 2.09  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 3555     | 1.66  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 14581    | 2.13  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 1855     | 1.95  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 12526    | 2.15  | ug/l   | 99       |
| 94) Hexachlorobutadiene        | 13.79 | 225  | 6021     | 2.10  | ug/l   | 97       |
| 95) Naphthalene                | 13.84 | 128  | 32097    | 2.14  | ug/l   | 99       |

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Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2018

Manual Integrations  
APPROVED

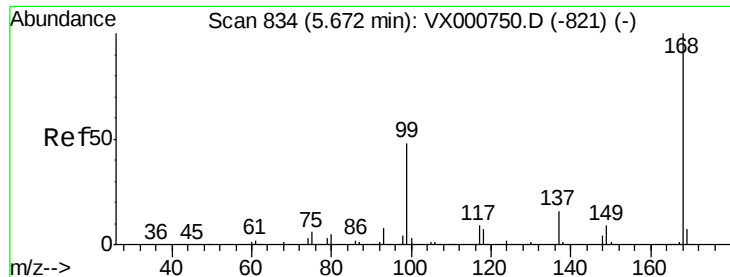
MMDadoda  
4/16/2018 12:59:58 PM

Quant Time: Apr 14 06:55:27 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X041018W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 10 15:49:28 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 11887    | 2.10 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

Tot Ion:168 Resp: 245954

Ion Ratio Lower Upper

168 100

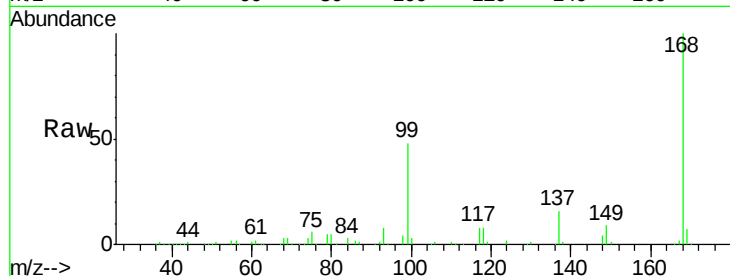
99 47.9 38.3 57.5

Manual Integrations

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4/16/2018 12:59:58 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

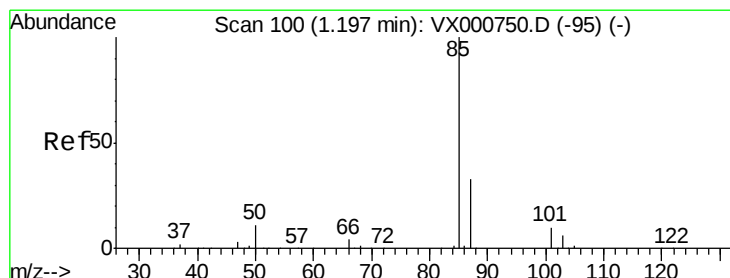
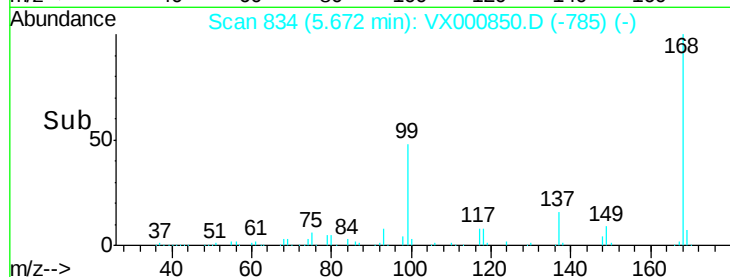
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 1.98 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000850.D

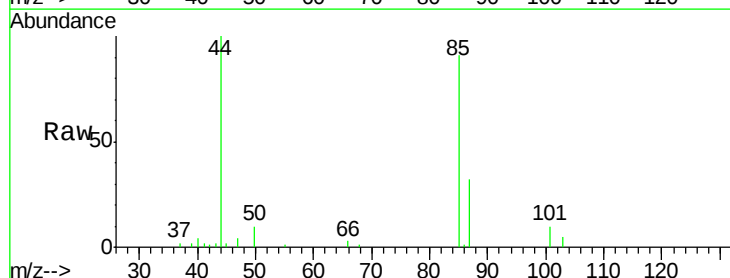
Acq: 13 Apr 2018 15:33

Tgt Ion: 85 Resp: 5498

Ion Ratio Lower Upper

85 100

87 34.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

6000

5000

4000

3000

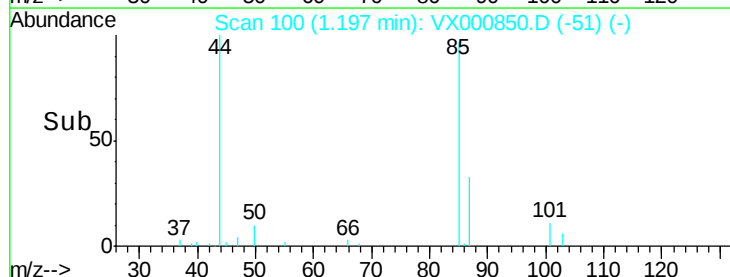
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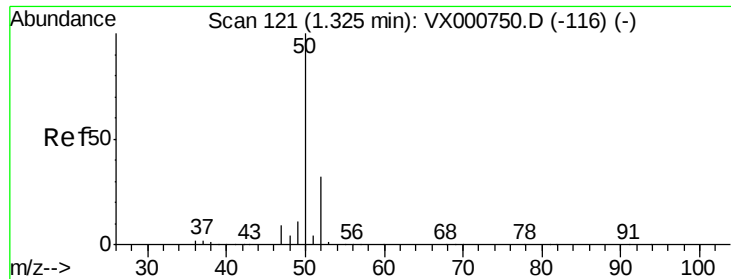
1000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 2.12 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

Tot Ion: 50 Resp: 5046

Ion Ratio Lower Upper

50 100

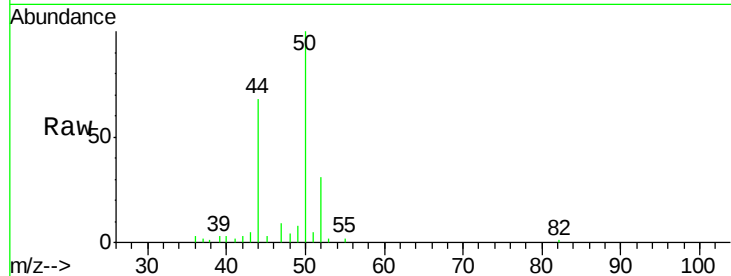
52 30.7 25.8 38.8

Manual Integrations

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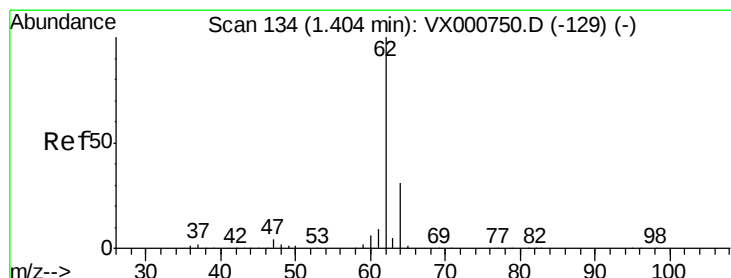
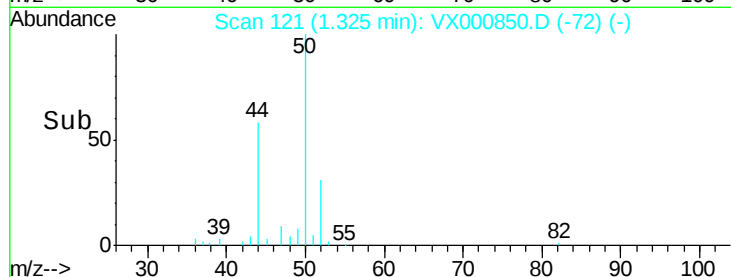
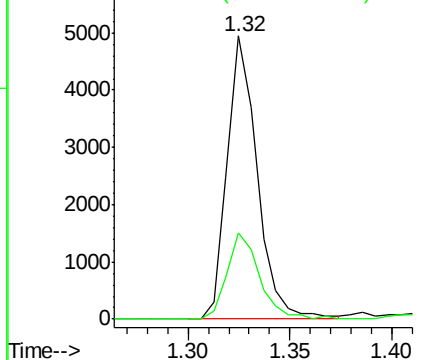
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 2.24 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000850.D

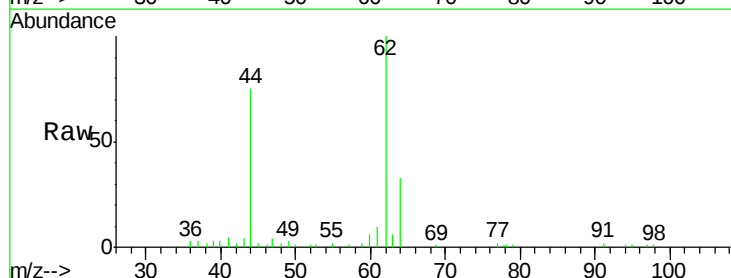
Acq: 13 Apr 2018 15:33

Tgt Ion: 62 Resp: 5998

Ion Ratio Lower Upper

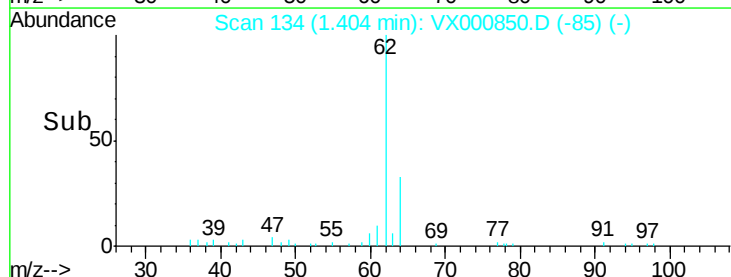
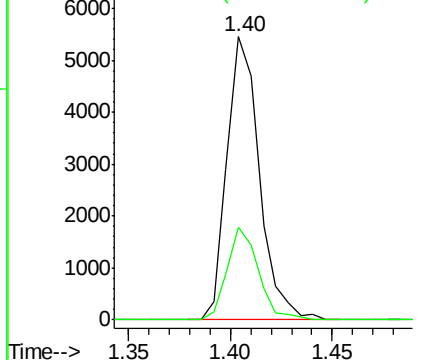
62 100

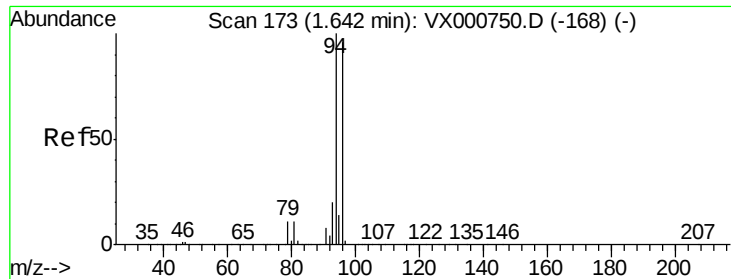
64 32.6 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.84 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

Tot Ion: 94 Resp: 3515

Ion Ratio Lower Upper

94 100

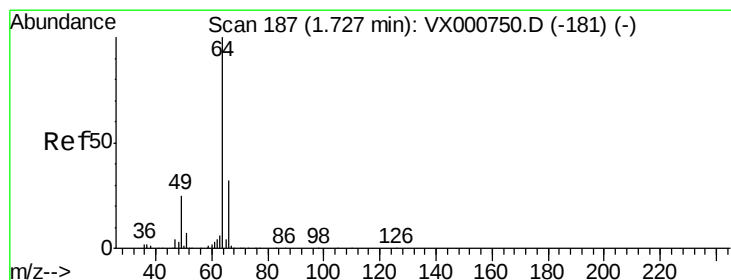
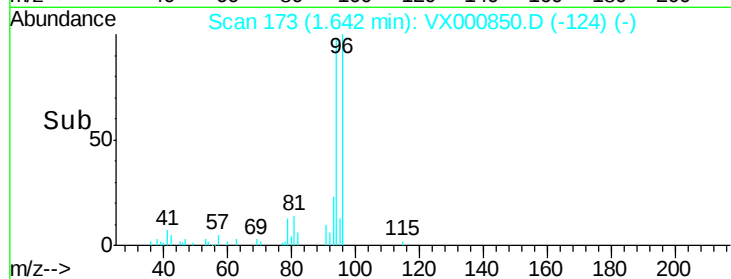
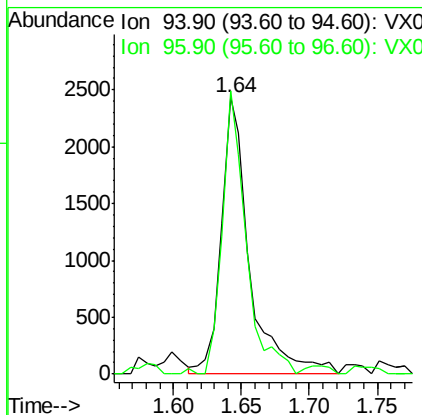
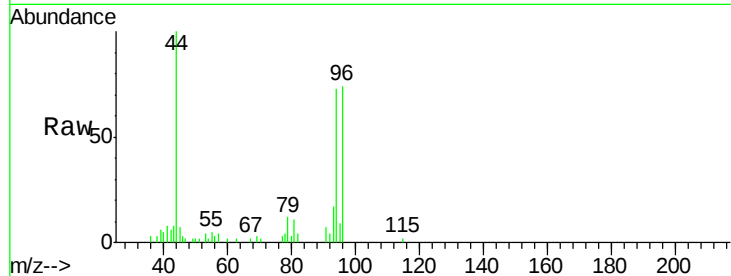
96 102.3 77.0 115.6

Manual Integrations

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#6

Chloroethane

Concen: 3.07 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000850.D

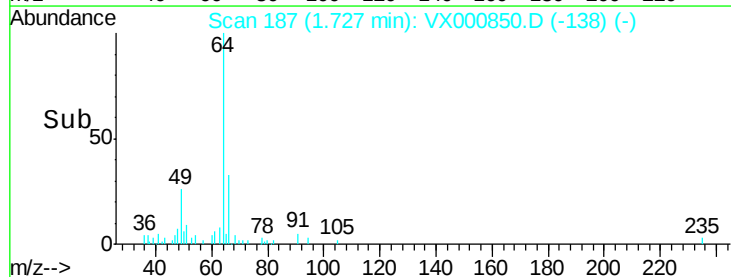
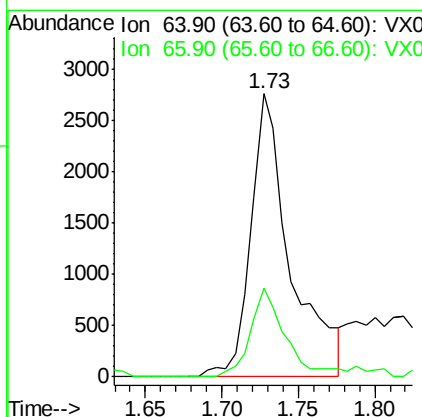
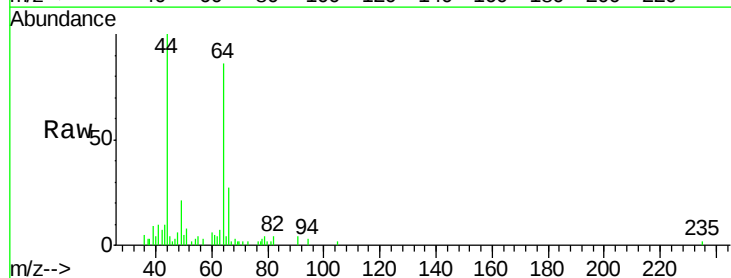
Acq: 13 Apr 2018 15:33

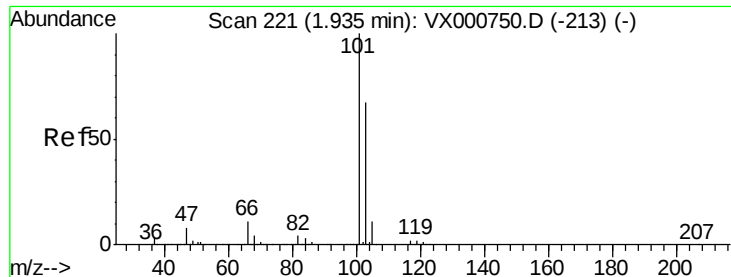
Tgt Ion: 64 Resp: 4979

Ion Ratio Lower Upper

64 100

66 31.5 25.3 37.9





#7

Trichlorofluoromethane

Concen: 2.13 ug/l

RT: 1.93 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

Tot Ion:101 Resp: 8616

Ion Ratio Lower Upper

101 100

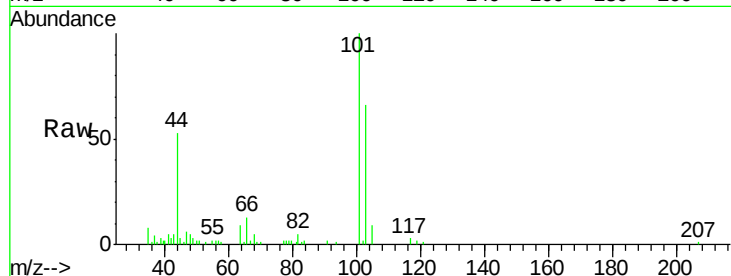
103 66.1 53.2 79.8

Manual Integrations

APPROVED

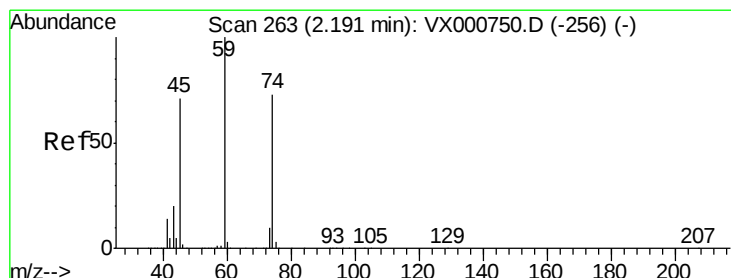
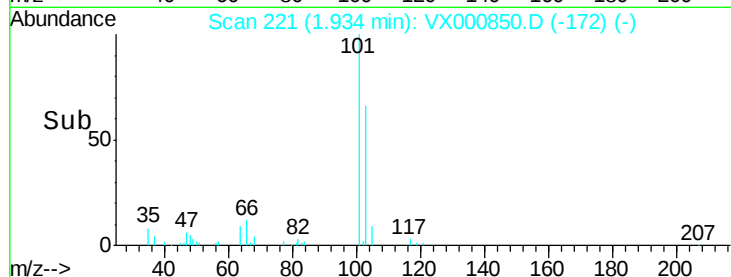
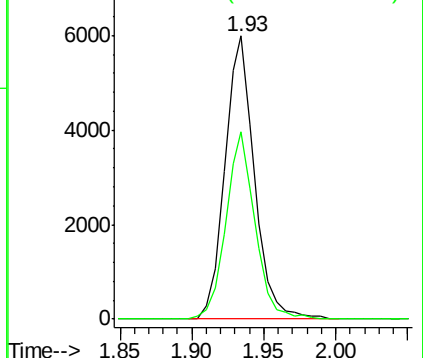
MMDadoda

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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 2.20 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX000850.D

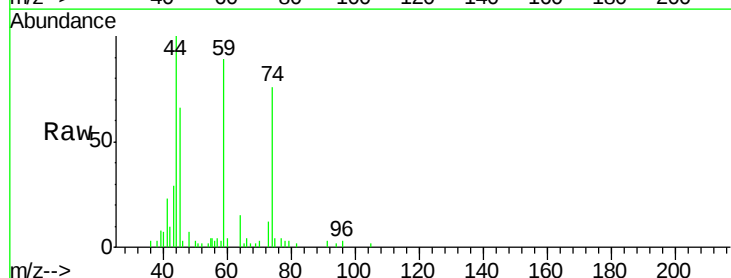
Acq: 13 Apr 2018 15:33

Tgt Ion: 74 Resp: 3315

Ion Ratio Lower Upper

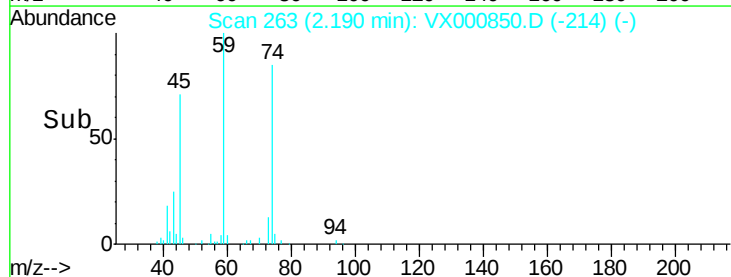
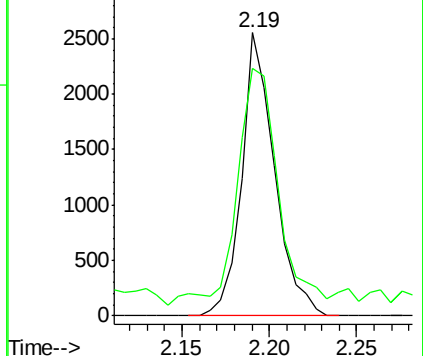
74 100

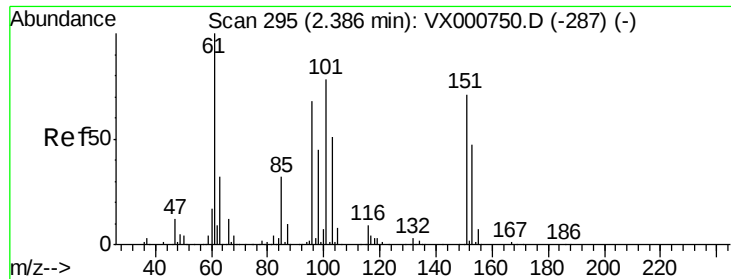
45 103.9 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.24 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

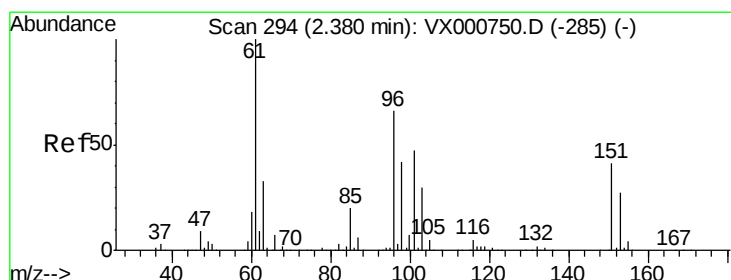
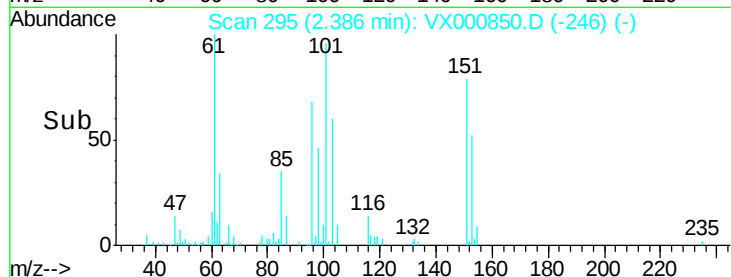
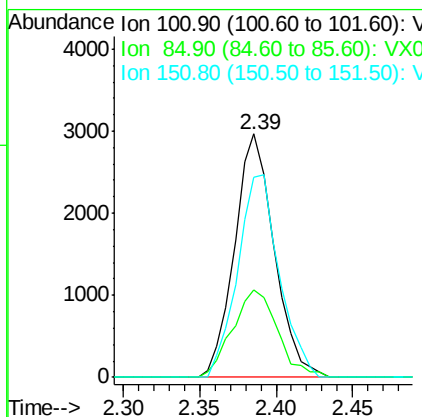
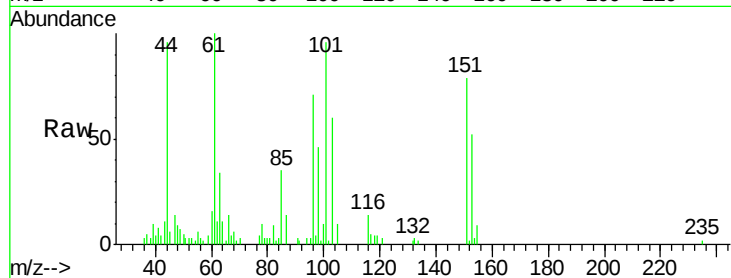
ClientSampleId :

LOQ-WATER-02-QT2-2018

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 5345  |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 40.7  | 34.0  | 51.0  |
| 151       | 87.1  | 75.8  | 113.8 |

Manual Integrations  
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#12

1,1-Dichloroethene

Concen: 2.10 ug/l

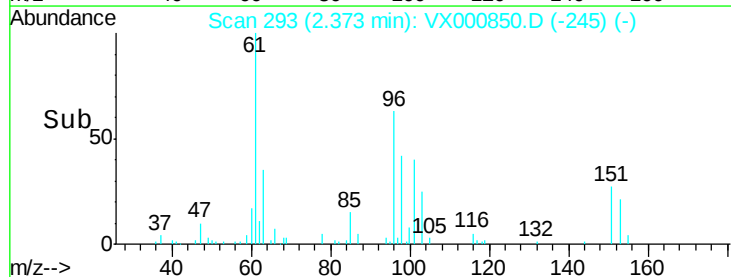
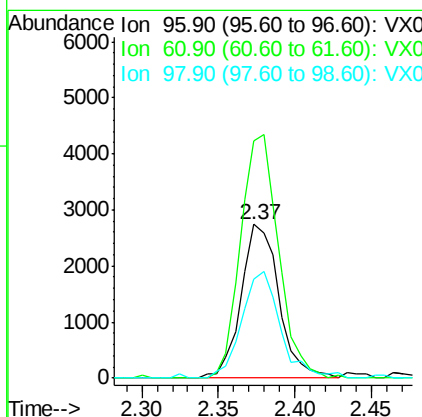
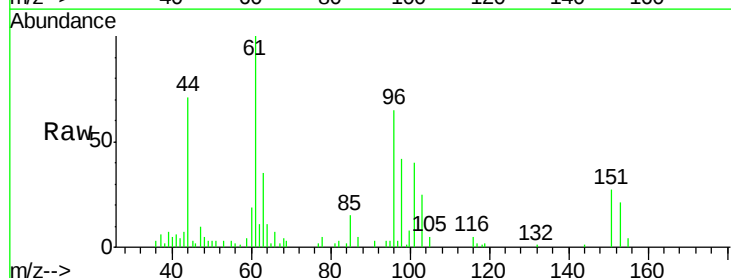
RT: 2.37 min Scan# 293

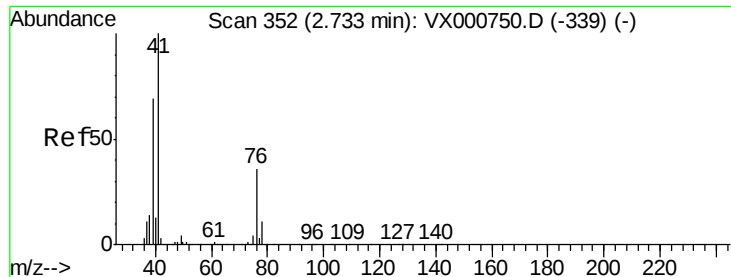
Delta R.T. -0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 4730  |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 154.2 | 120.5 | 180.7 |
| 98        | 64.1  | 50.9  | 76.3  |





#14

Allvl chloride

Concen: 2.04 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

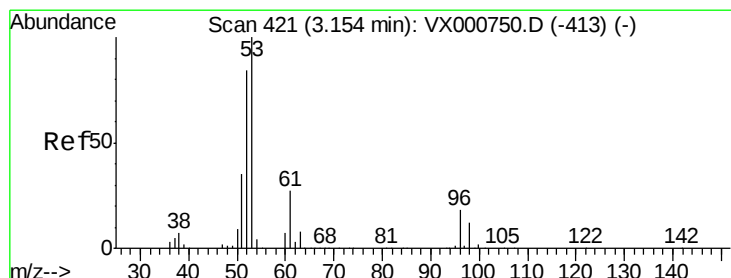
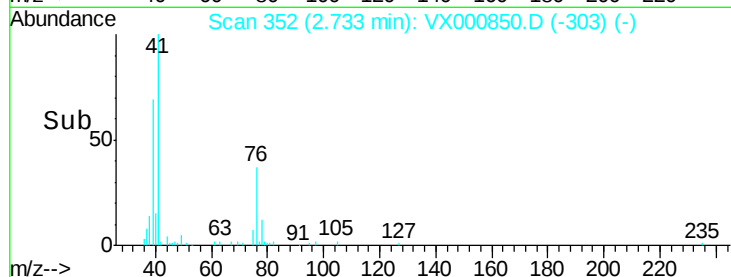
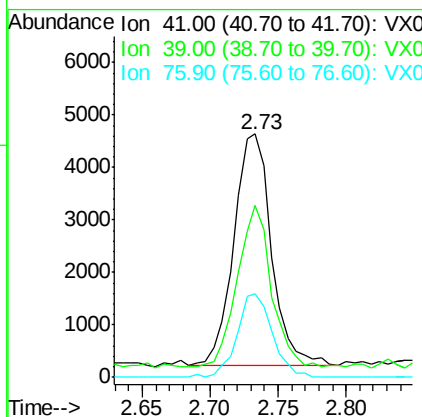
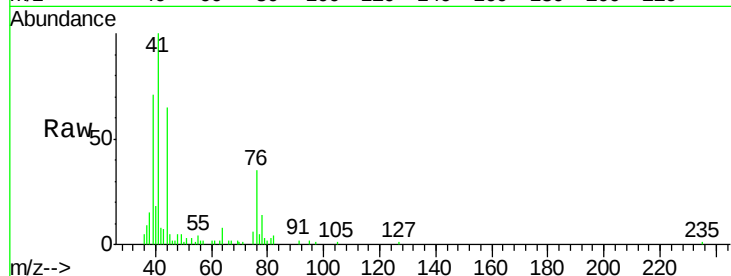
ClientSampleId :

LOQ-WATER-02-QT2-2018

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 8523  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 63.1  | 51.5  | 77.3  |
| 76       | 33.8  | 26.5  | 39.7  |

Manual Integrations  
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#15

Acrylonitrile

Concen: 12.29 ug/l

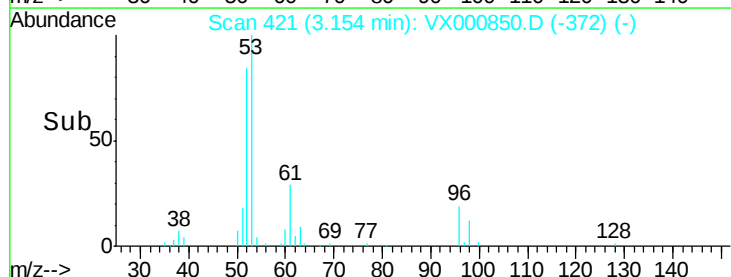
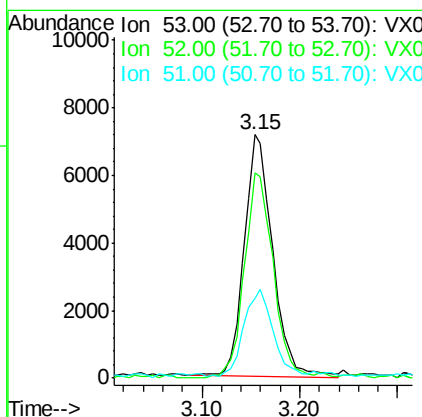
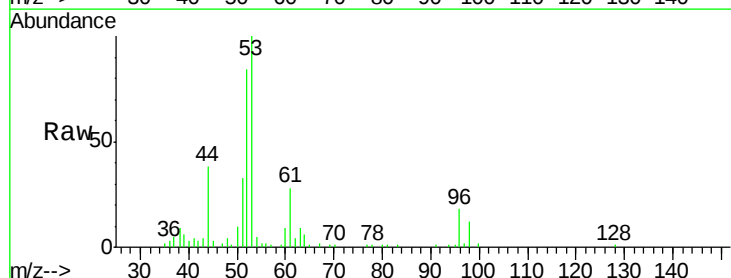
RT: 3.15 min Scan# 421

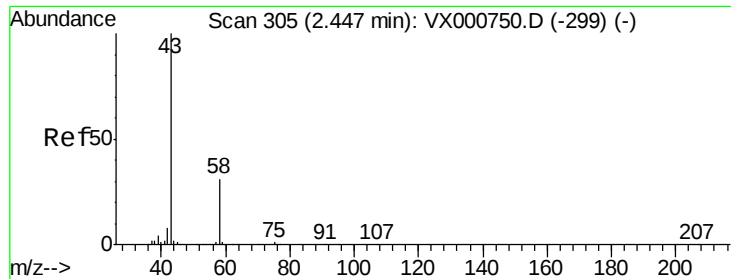
Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 14422 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 85.9  | 66.5  | 99.7  |
| 51       | 36.3  | 28.8  | 43.2  |





#16

Acetone

Concen: 12.56 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

Tot Ion: 43 Resp: 13433

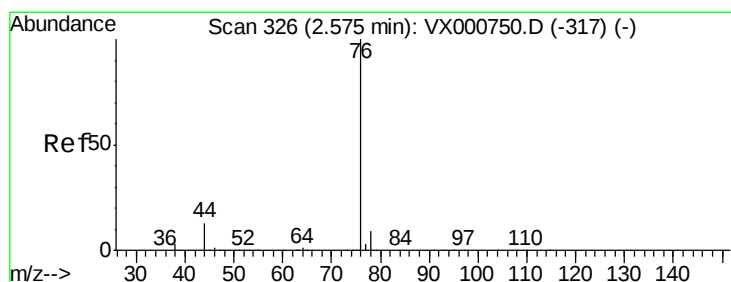
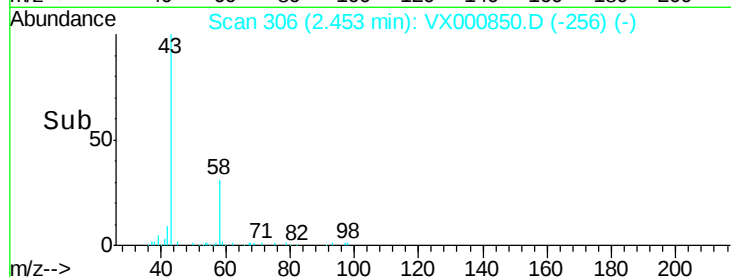
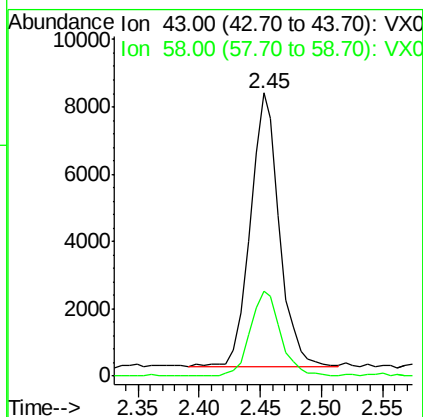
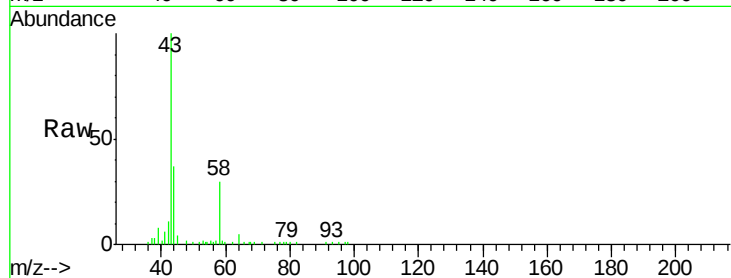
Ion Ratio Lower Upper

43 100

58 31.3 24.6 37.0

Manual Integrations  
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#17

Carbon Disulfide

Concen: 2.00 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000850.D

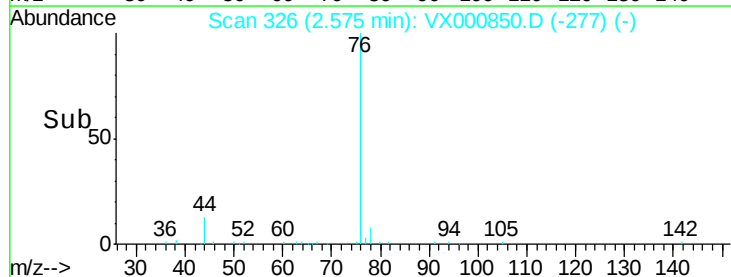
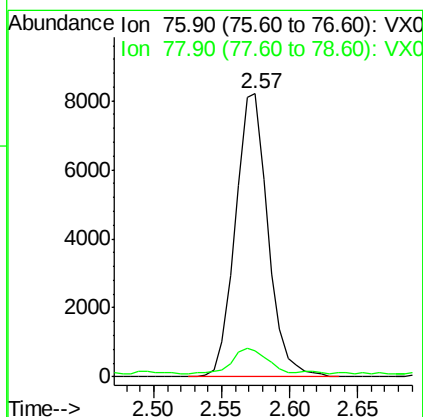
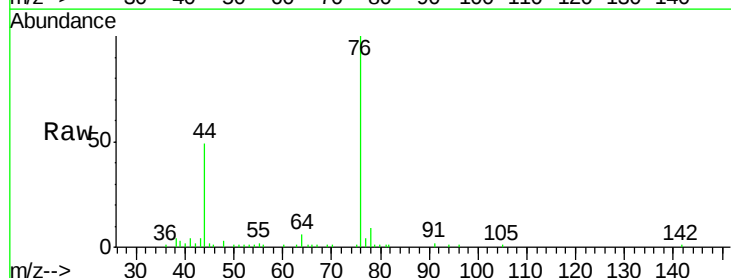
Acq: 13 Apr 2018 15:33

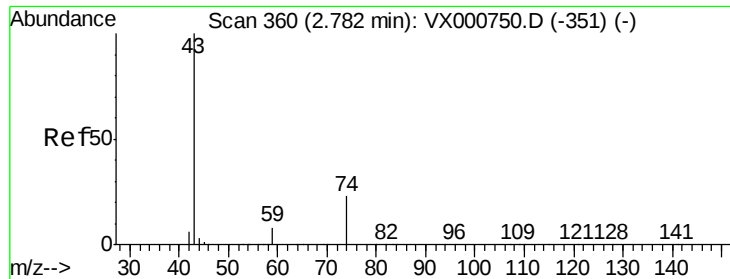
Tgt Ion: 76 Resp: 13671

Ion Ratio Lower Upper

76 100

78 8.2 7.4 11.2





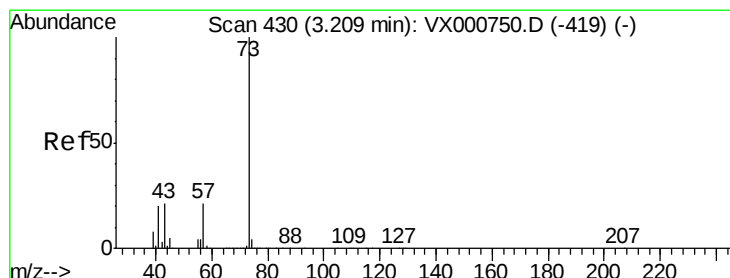
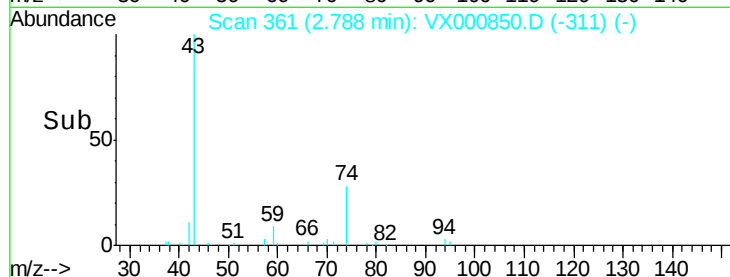
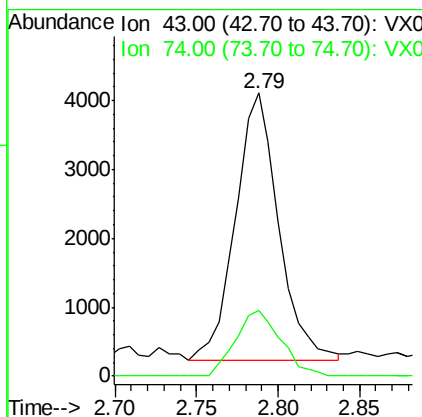
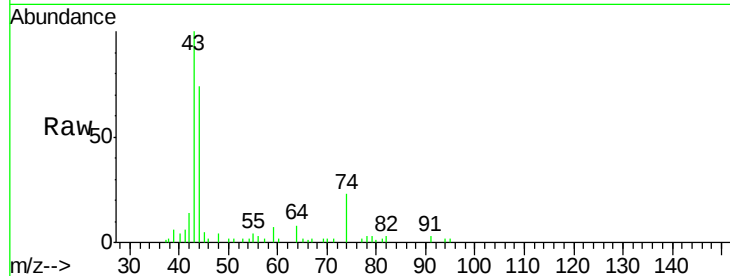
#18  
Methvl Acetate  
Concen: 2.59 ug/l  
RT: 2.79 min Scan# 361  
Delta R.T. 0.01 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2018

Tot Ion: 43 Resp: 7171  
Ion Ratio Lower Upper  
43 100  
74 25.6 19.1 28.7

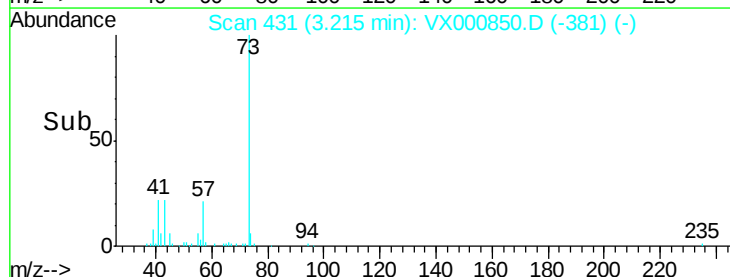
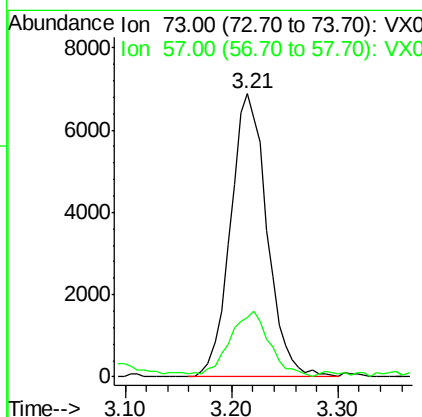
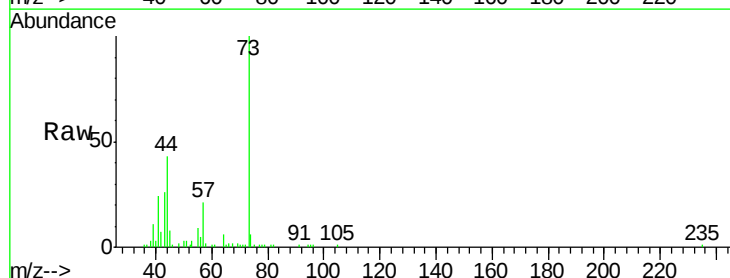
Manual Integrations  
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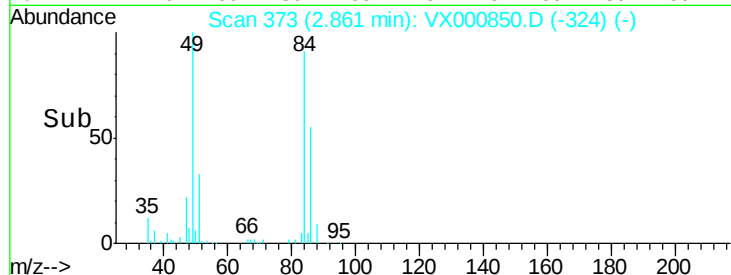
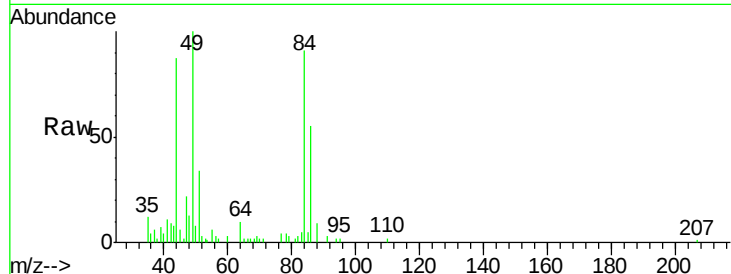
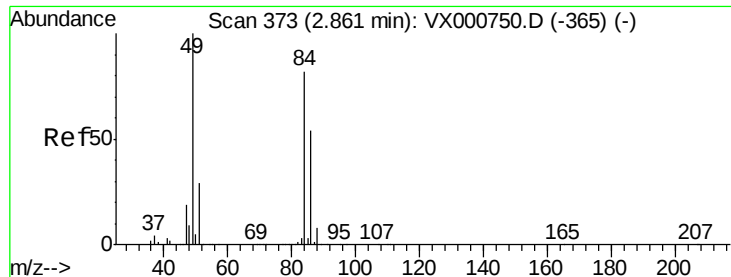
MMDadoda  
4/16/2018 12:59:58 PM



#19  
Methyl tert-butyl Ether  
Concen: 2.20 ug/l  
RT: 3.21 min Scan# 431  
Delta R.T. 0.01 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

Tgt Ion: 73 Resp: 16530  
Ion Ratio Lower Upper  
73 100  
57 19.8 16.9 25.3





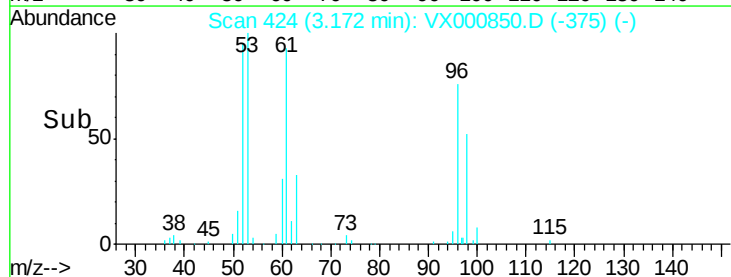
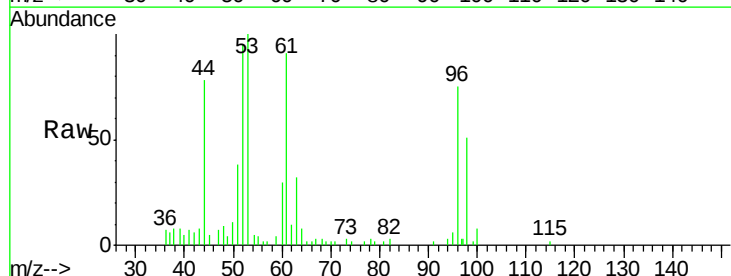
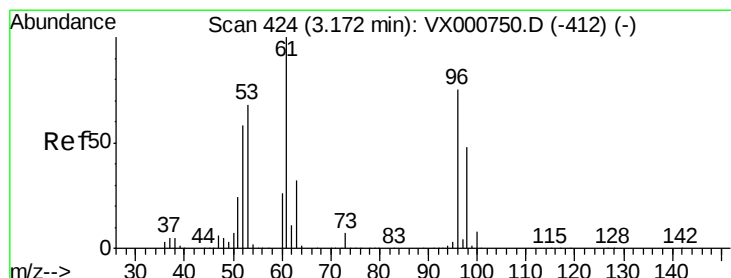
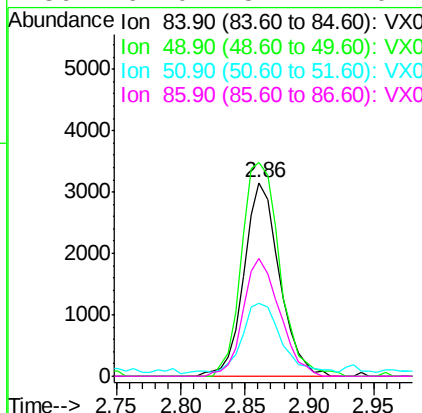
#20  
Methvlene Chloride  
Concen: 2.40 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. -0.00 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 5973  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 110.2 | 98.1  | 147.1 |
| 51       | 36.0  | 28.9  | 43.3  |
| 86       | 61.0  | 52.7  | 79.1  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2018

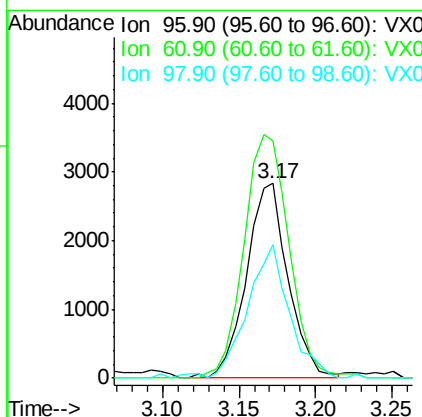
Manual Integrations  
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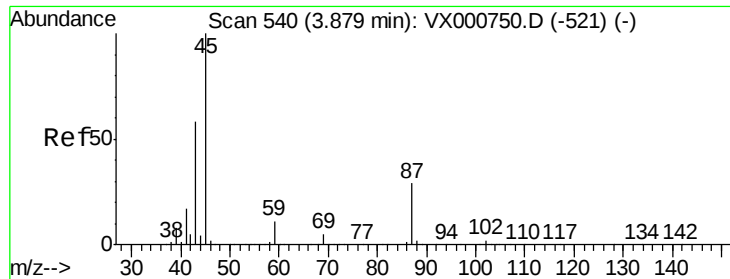
MMDadoda  
4/16/2018 12:59:58 PM



#21  
trans-1,2-Dichloroethene  
Concen: 2.16 ug/l  
RT: 3.17 min Scan# 424  
Delta R.T. -0.00 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 5386  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 122.1 | 106.2 | 159.2 |
| 98       | 68.6  | 51.2  | 76.8  |





#22

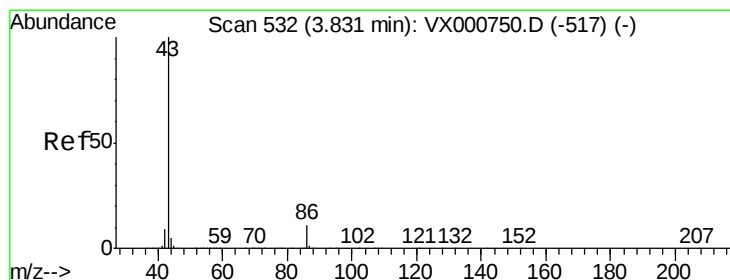
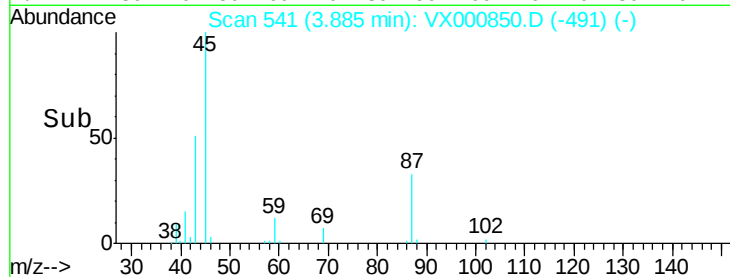
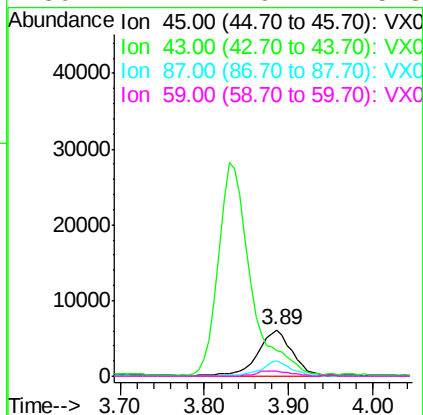
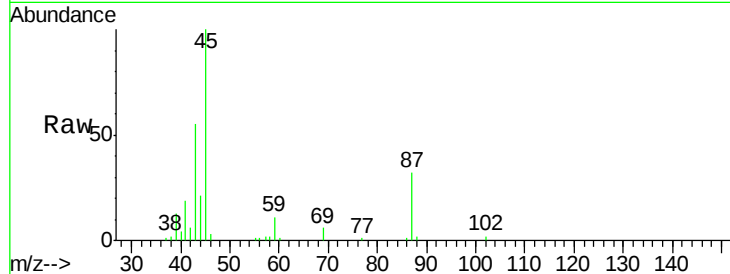
Diisopropyl ether  
Concen: 2.29 ug/l  
RT: 3.89 min Scan# 541  
Delta R.T. 0.01 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2018

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 45    | Resp: | 17549 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 51.7  | 46.6  | 69.8  |
| 87       | 31.9  | 22.9  | 34.3  |
| 59       | 11.4  | 9.2   | 13.8  |

Manual Integrations  
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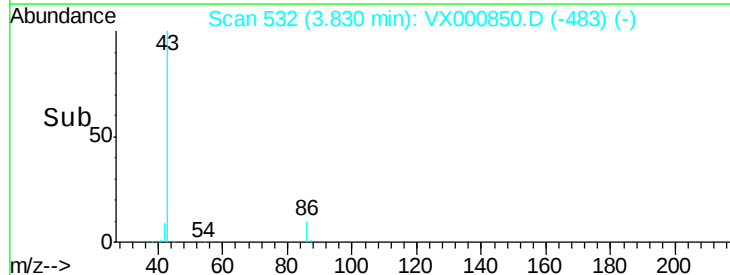
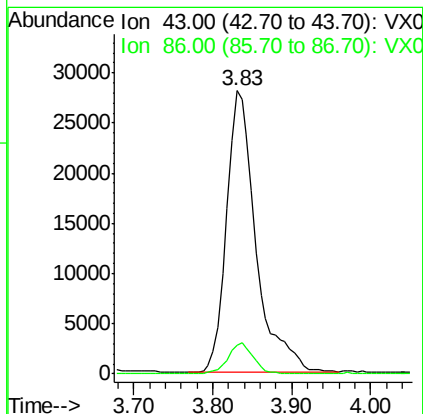
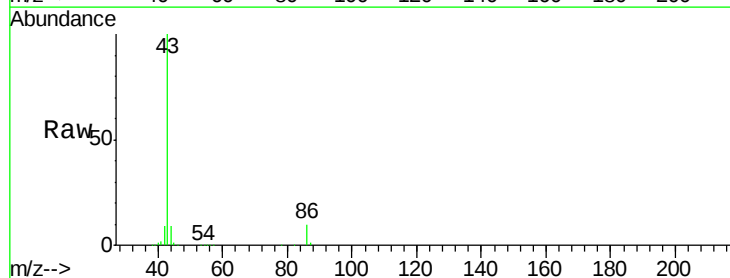
MMDadoda  
4/16/2018 12:59:58 PM

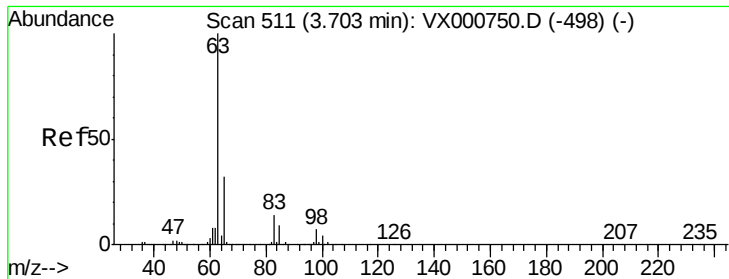


#23

Vinyl Acetate  
Concen: 10.92 ug/l  
RT: 3.83 min Scan# 532  
Delta R.T. -0.00 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 73536 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 86       | 10.4  | 8.6   | 12.8  |





#24

1,1-Dichloroethane

Concen: 2.24 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

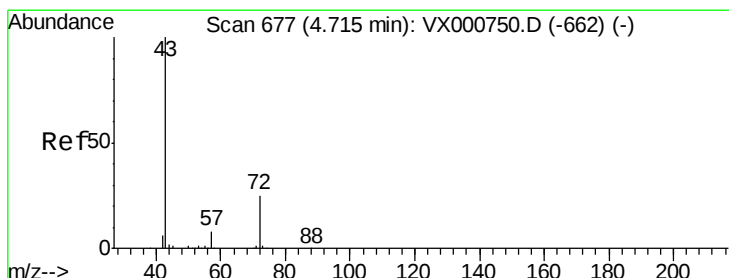
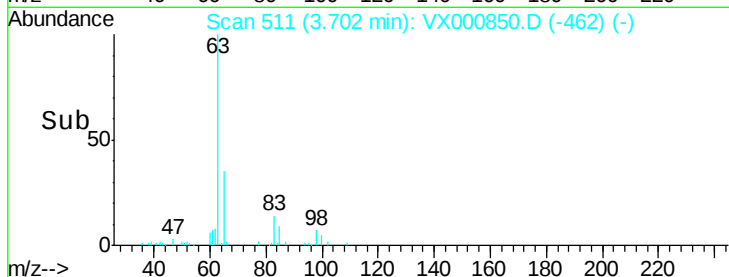
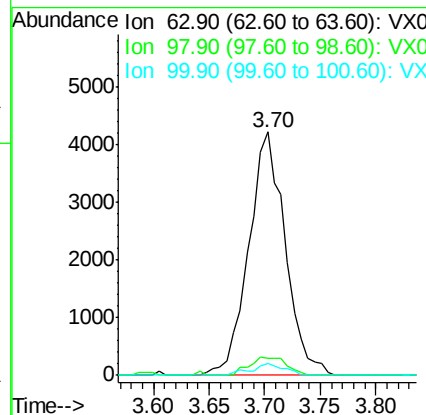
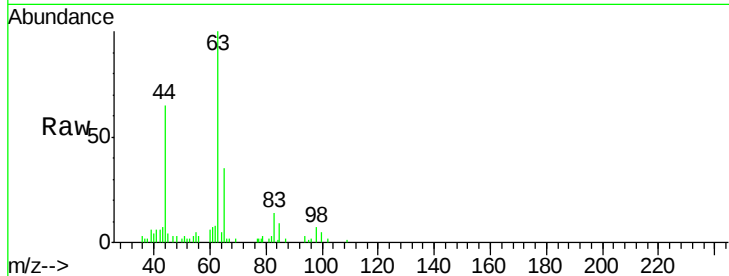
ClientSampleId :

LOQ-WATER-02-QT2-2018

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 63    | Resp: | 9651 |
| Ion Ratio | Lower | Upper |      |
| 63        | 100   |       |      |
| 98        | 7.0   | 3.3   | 9.9  |
| 100       | 5.1   | 2.1   | 6.3  |

Manual Integrations  
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MMDadoda  
4/16/2018 12:59:58 PM



#25

2-Butanone

Concen: 12.42 ug/l

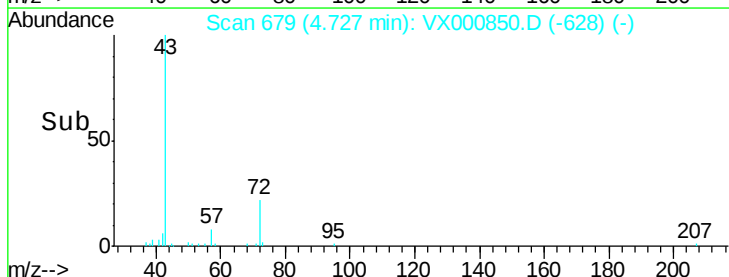
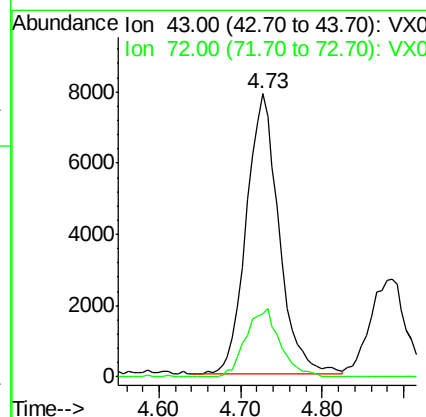
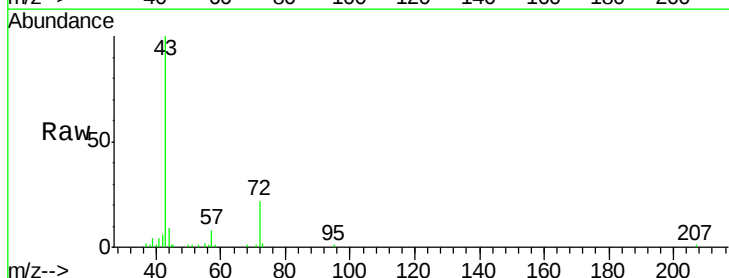
RT: 4.73 min Scan# 679

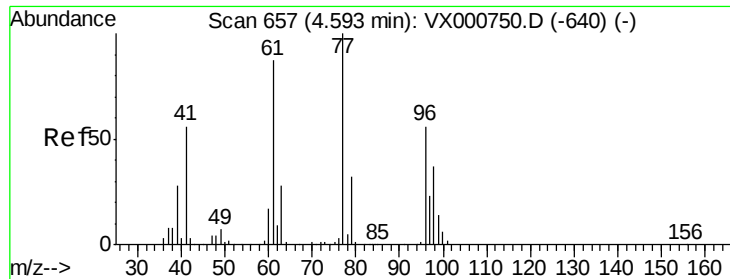
Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 21941 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 72        | 22.4  | 20.3  | 30.5  |





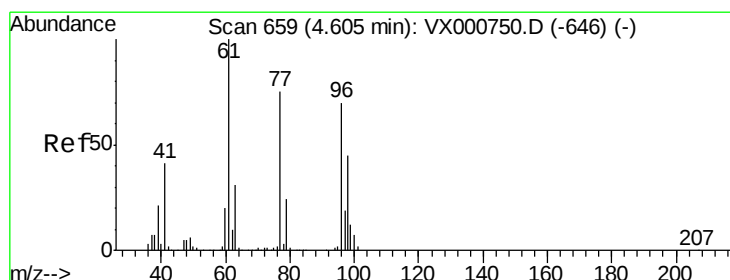
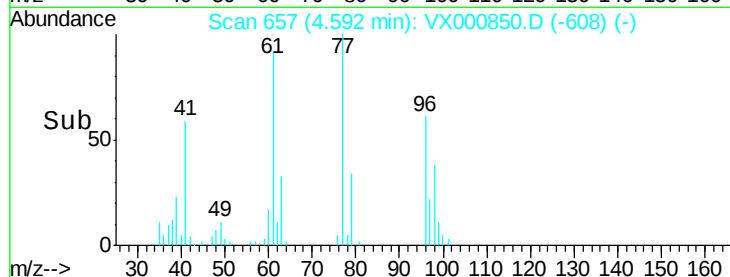
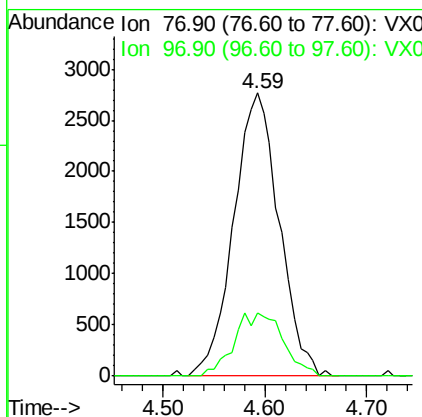
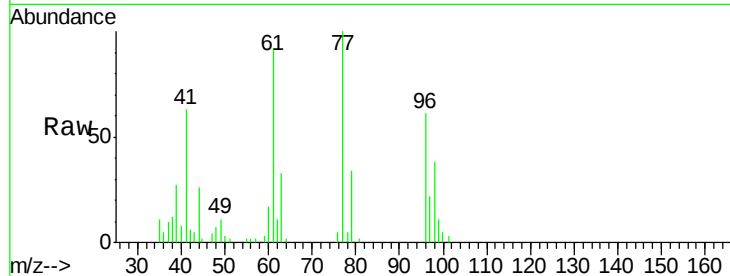
#26  
 2,2-Dichloropropane  
 Concen: 2.00 ug/l  
 RT: 4.59 min Scan# 657  
 Delta R.T. -0.00 min  
 Lab File: VX000850.D  
 Acq: 13 Apr 2018 15:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2018

Tot Ion: 77 Resp: 8566  
 Ion Ratio Lower Upper  
 77 100  
 97 23.9 11.5 34.4

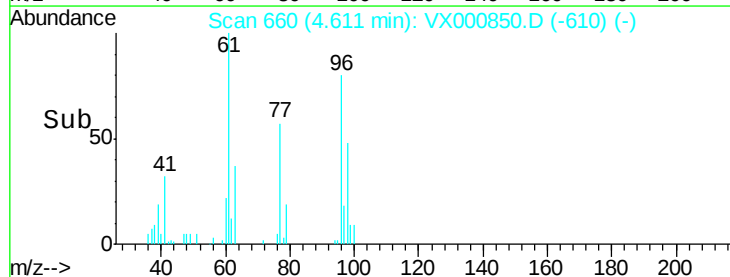
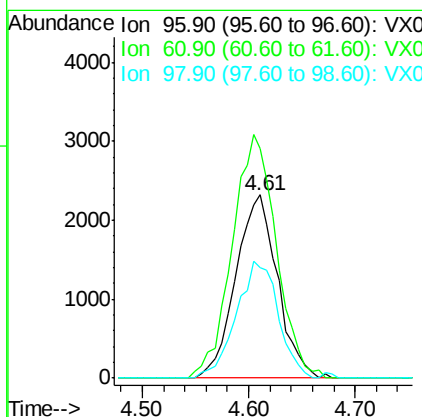
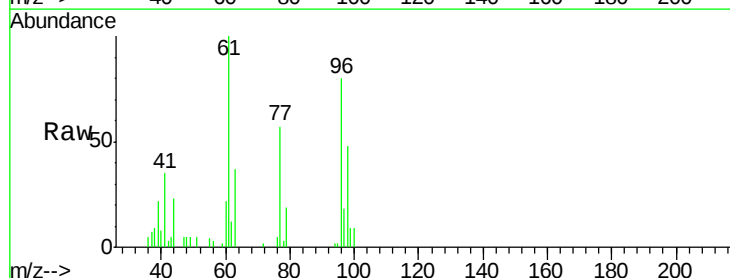
Manual Integrations  
 APPROVED

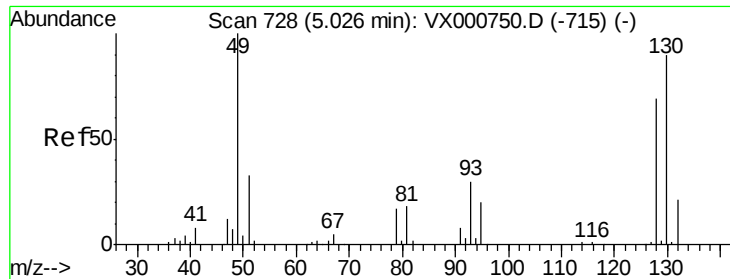
MMDadoda  
 4/16/2018 12:59:58 PM



#27  
 cis-1,2-Dichloroethene  
 Concen: 2.26 ug/l  
 RT: 4.61 min Scan# 660  
 Delta R.T. 0.01 min  
 Lab File: VX000850.D  
 Acq: 13 Apr 2018 15:33

Tgt Ion: 96 Resp: 6371  
 Ion Ratio Lower Upper  
 96 100  
 61 140.2 0.0 292.4  
 98 64.1 0.0 130.2





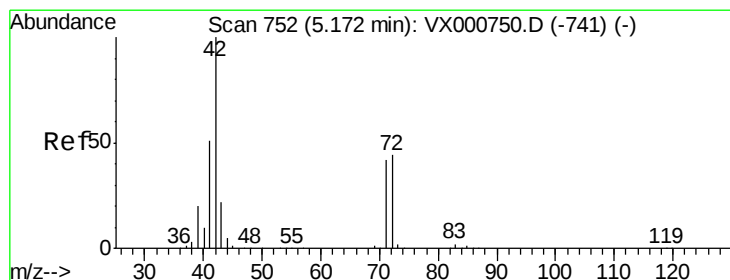
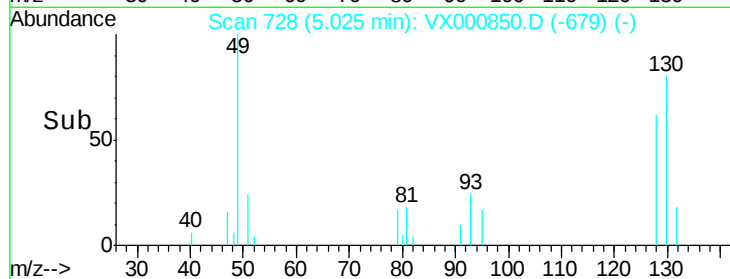
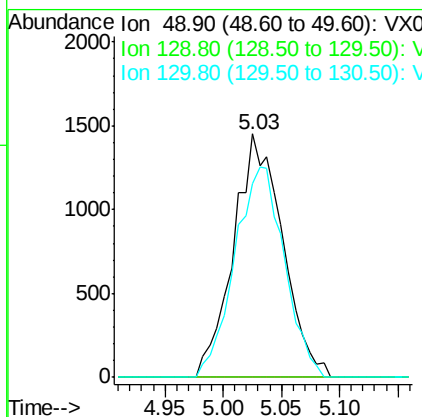
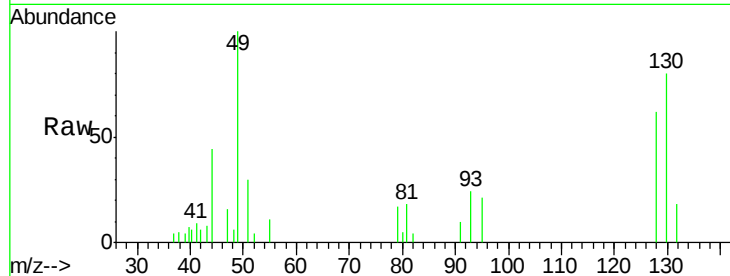
#28  
Bromochloromethane  
Concen: 2.45 ug/l  
RT: 5.03 min Scan# 728  
Delta R.T. -0.00 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2018

Tot Ion: 49 Resp: 4240  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 5.2  
130 87.5 72.6 109.0

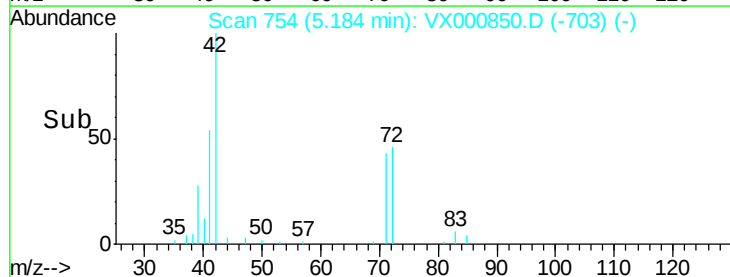
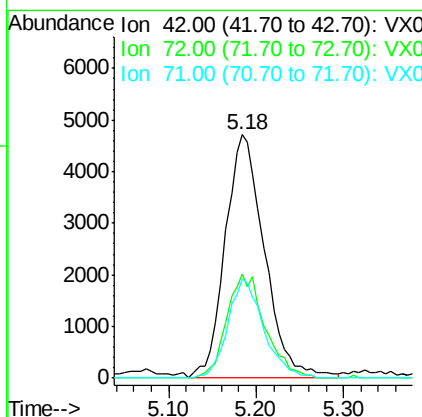
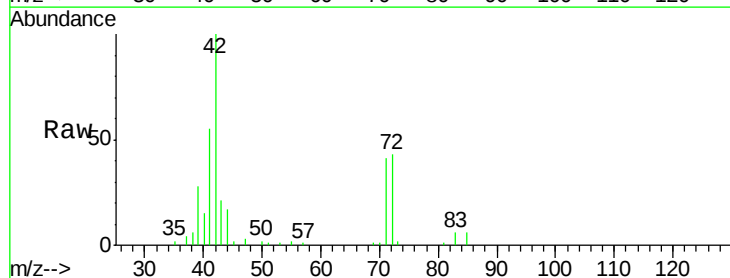
Manual Integrations  
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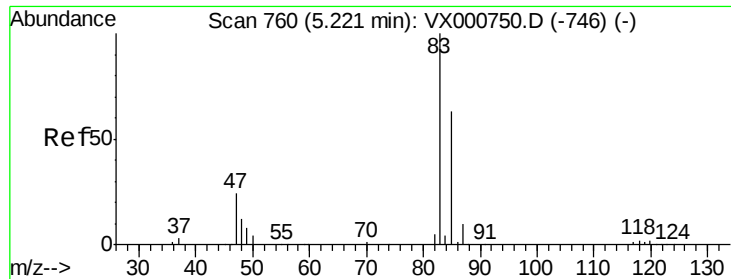
MMDadoda  
4/16/2018 12:59:58 PM



#29  
Tetrahydrofuran  
Concen: 13.15 ug/l  
RT: 5.18 min Scan# 754  
Delta R.T. 0.01 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

Tgt Ion: 42 Resp: 14749  
Ion Ratio Lower Upper  
42 100  
72 41.7 35.1 52.7  
71 37.1 32.8 49.2





#30

Chloroform

Concen: 2.11 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

Tot Ion: 83 Resp: 9597

Ion Ratio Lower Upper

83 100

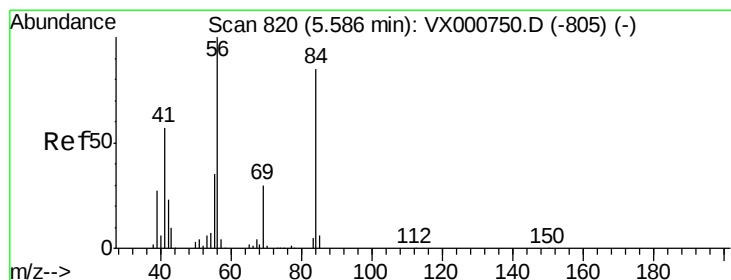
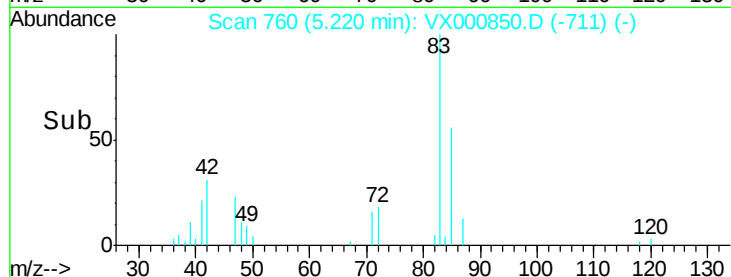
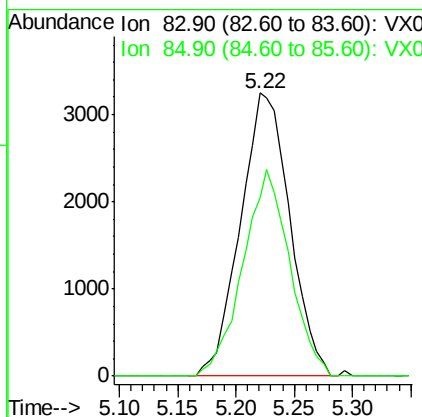
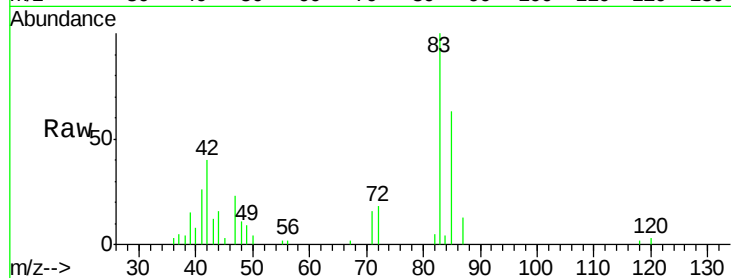
85 62.9 50.7 76.1

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#31

Cyclohexane

Concen: 2.23 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

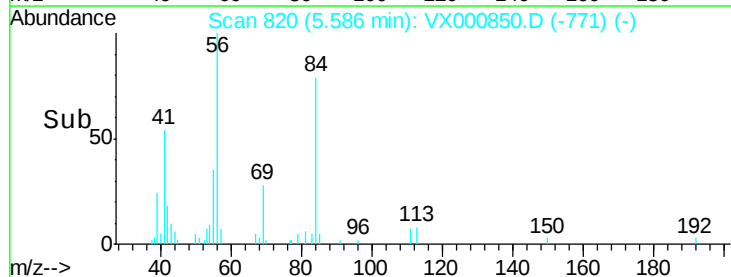
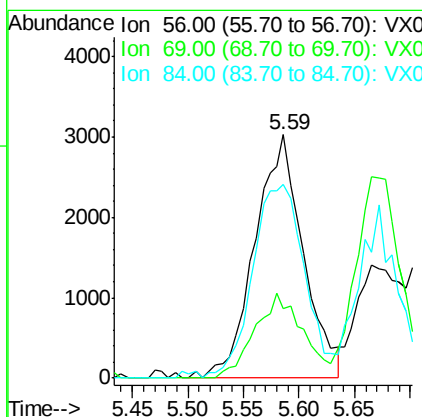
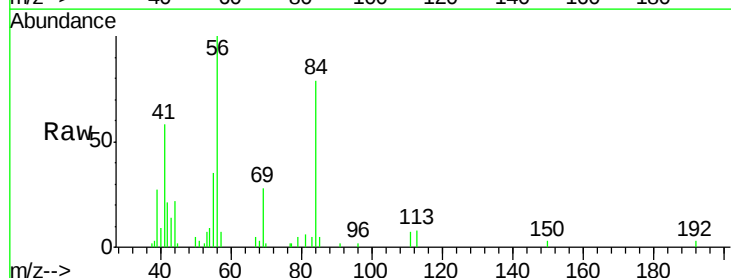
Tgt Ion: 56 Resp: 9126

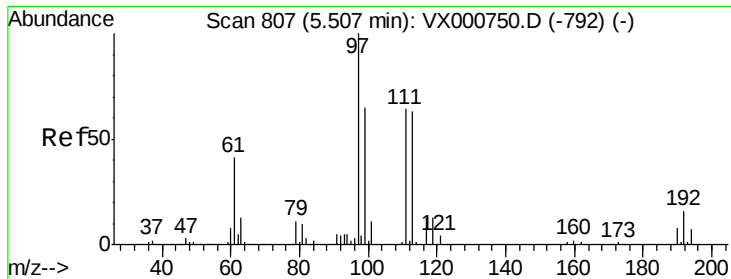
Ion Ratio Lower Upper

56 100

69 28.4 24.2 36.4

84 77.4 67.6 101.4





#32

1,1,1-Trichloroethane

Concen: 2.10 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

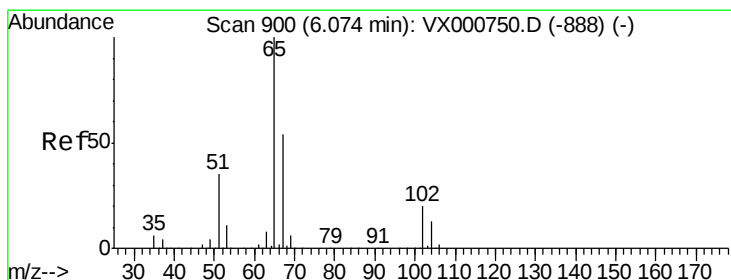
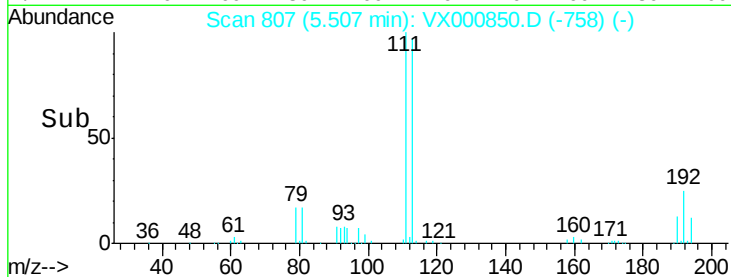
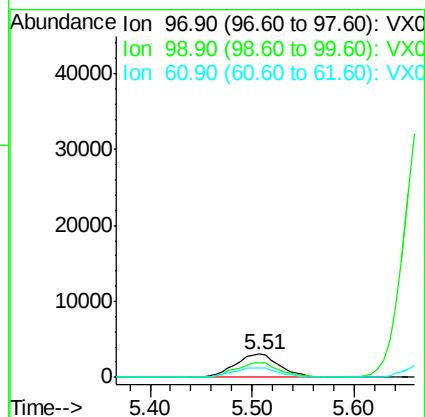
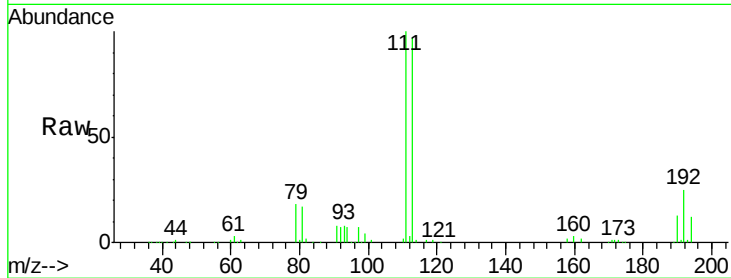
ClientSampleId :

LOQ-WATER-02-QT2-2018

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 9131  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 62.9  | 51.4  | 77.0  |
| 61       | 42.2  | 33.7  | 50.5  |

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#33

1,2-Dichloroethane-d4

Concen: 49.68 ug/l

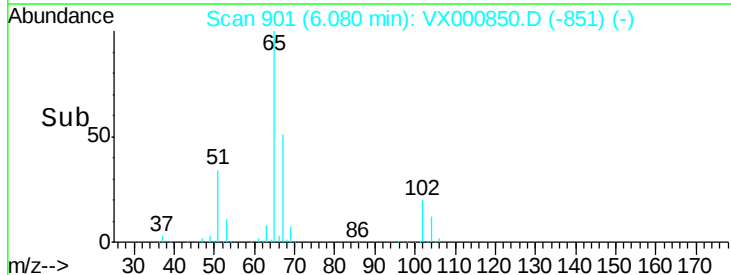
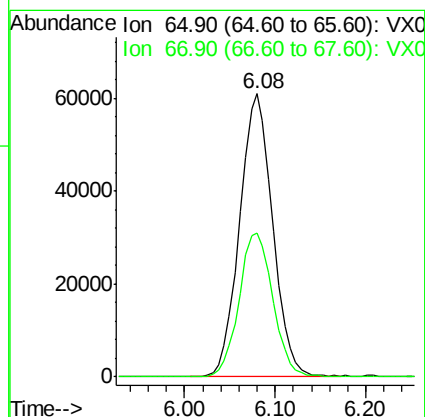
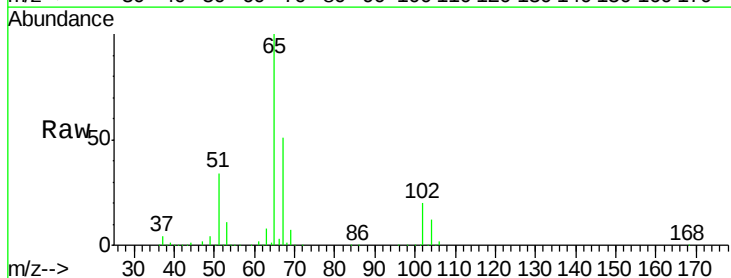
RT: 6.08 min Scan# 901

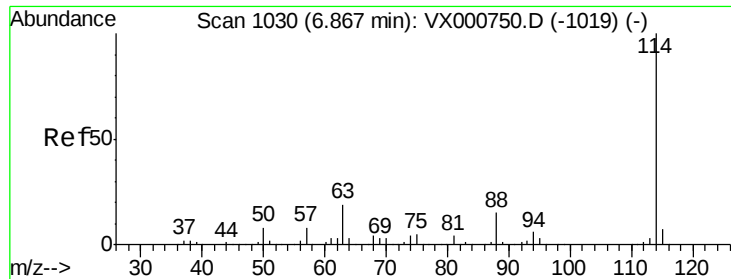
Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 154053 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 52.1  | 0.0   | 103.8  |





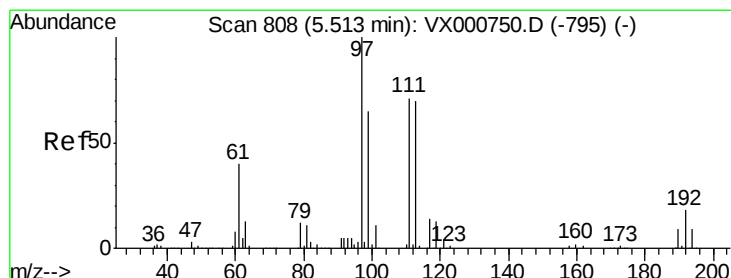
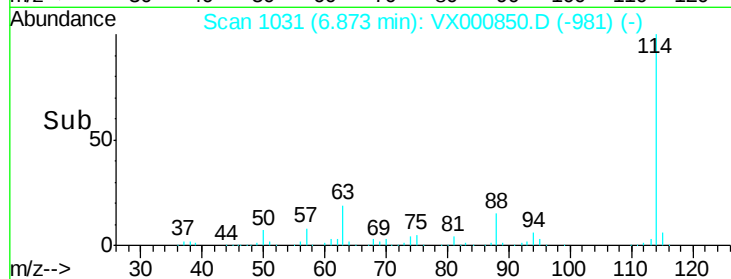
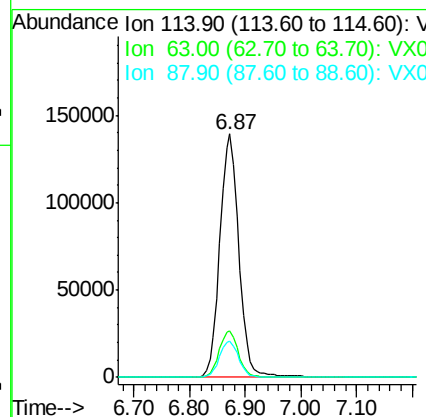
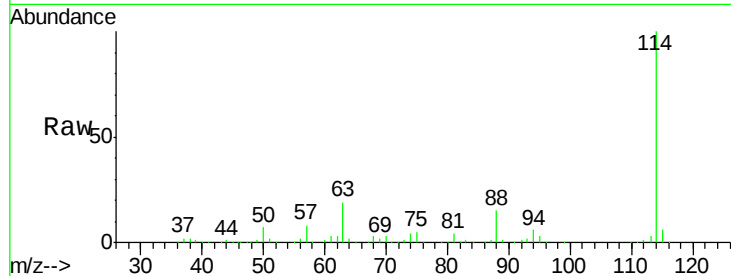
#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.87 min Scan# 1031  
Delta R.T. 0.01 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2018

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 331583 |       |       |
| 63      | 19.2  | 0.0    | 38.4  |       |
| 88      | 14.9  | 0.0    | 31.0  |       |

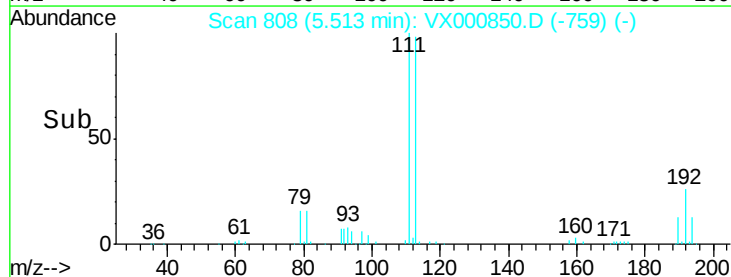
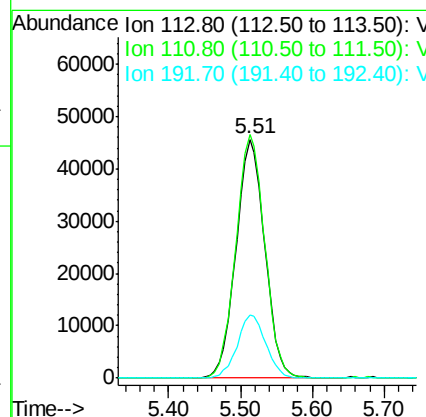
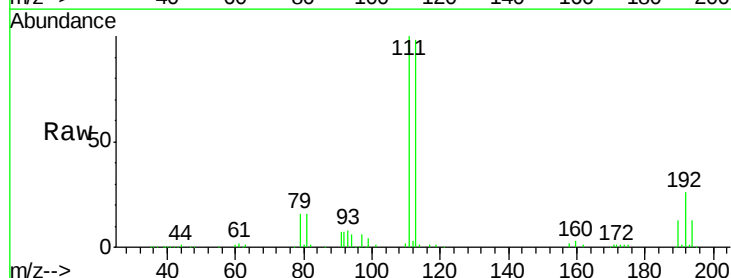
Manual Integrations  
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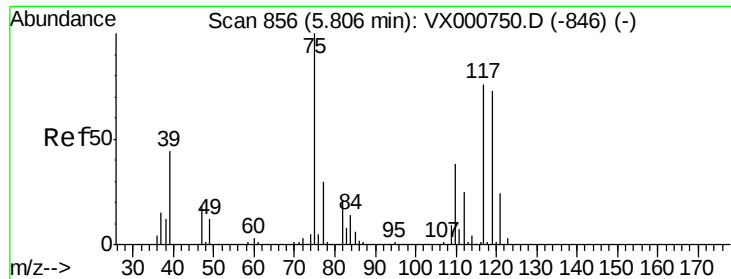
MMDadoda  
4/16/2018 12:59:58 PM



#35  
Dibromofluoromethane  
Concen: 49.62 ug/l  
RT: 5.51 min Scan# 808  
Delta R.T. -0.00 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 126774 |       |       |
| 111     | 102.4 | 81.5   | 122.3 |       |
| 192     | 26.1  | 20.4   | 30.6  |       |





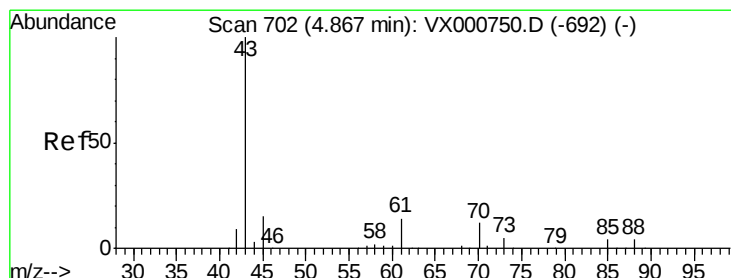
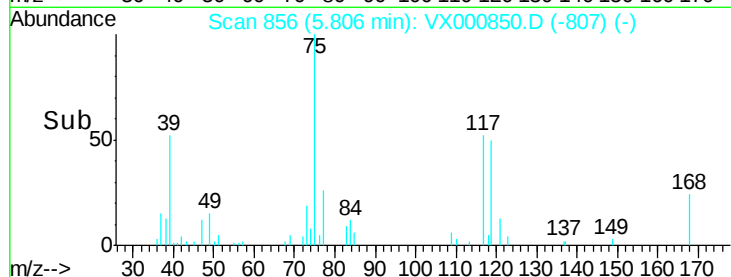
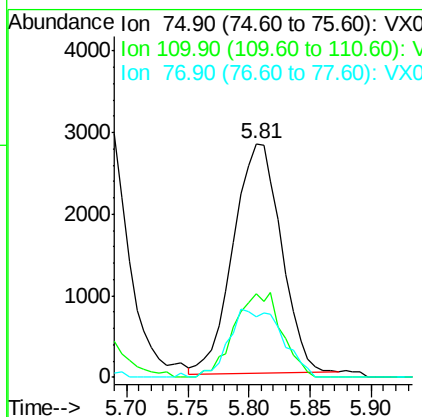
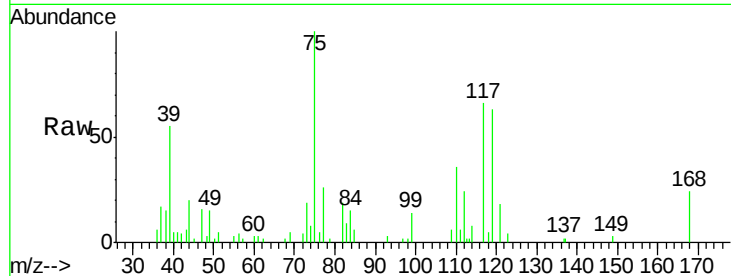
#36  
 1,1-Dichloropropene  
 Concen: 2.10 ug/l  
 RT: 5.81 min Scan# 856  
 Delta R.T. -0.00 min  
 Lab File: VX000850.D  
 Acq: 13 Apr 2018 15:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.6  | 19.2  | 57.6  |
| 77      | 0.0   | 25.4  | 38.2# |

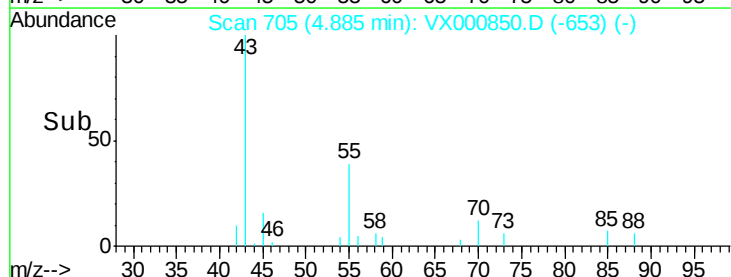
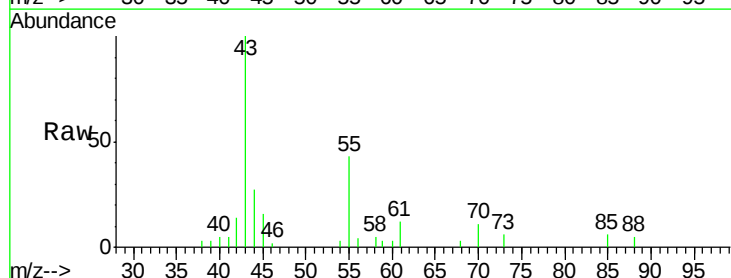
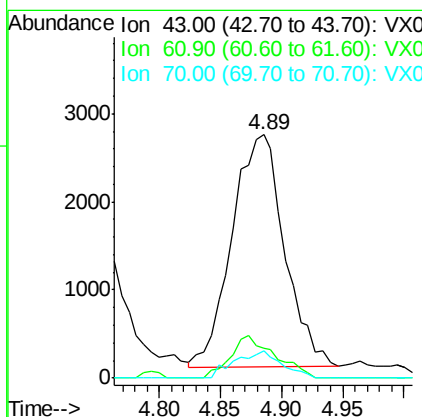
Manual Integrations  
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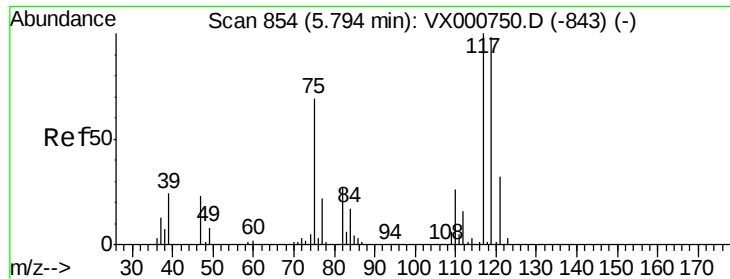
MMDadoda  
 4/16/2018 12:59:58 PM



#37  
 Ethyl Acetate  
 Concen: 2.21 ug/l  
 RT: 4.89 min Scan# 705  
 Delta R.T. 0.02 min  
 Lab File: VX000850.D  
 Acq: 13 Apr 2018 15:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.5  | 11.0  | 16.4  |
| 70      | 10.6  | 8.7   | 13.1  |





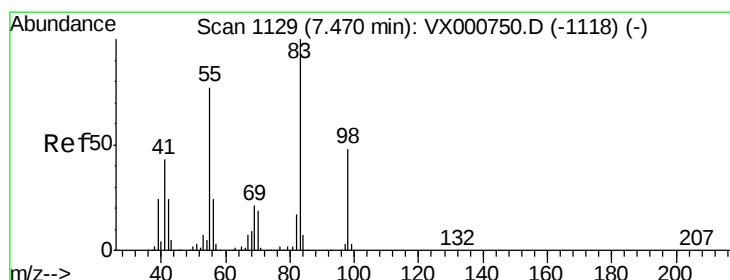
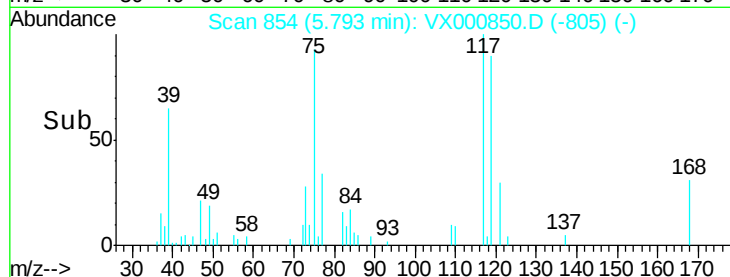
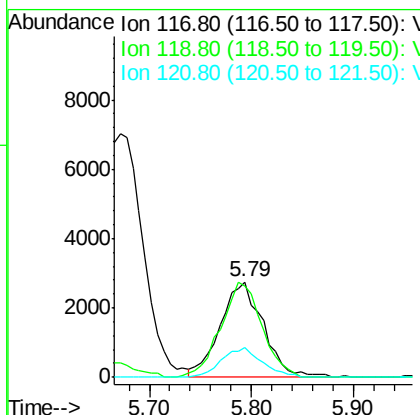
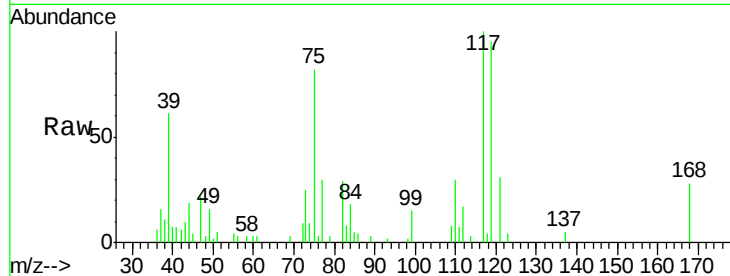
#38  
Carbon Tetrachloride  
Concen: 1.97 ug/l  
RT: 5.79 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2018

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   | 8059 |       |       |
| 119     | 95.1  |      | 78.4  | 117.6 |
| 121     | 31.3  |      | 25.4  | 38.0  |

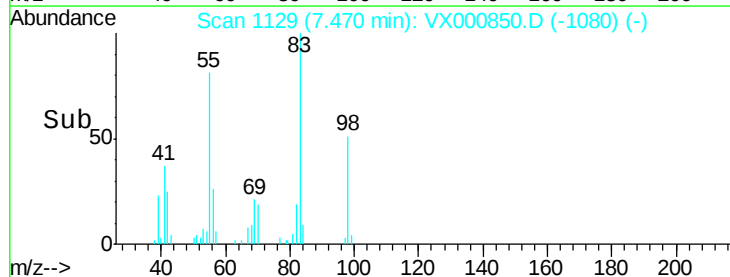
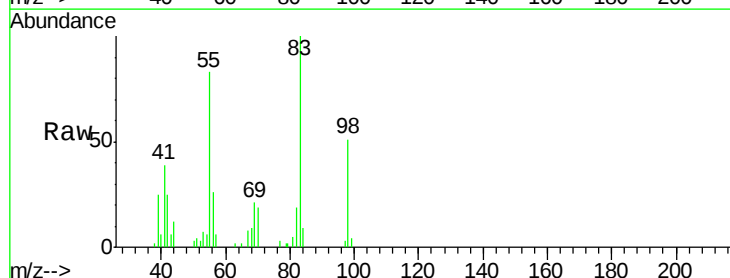
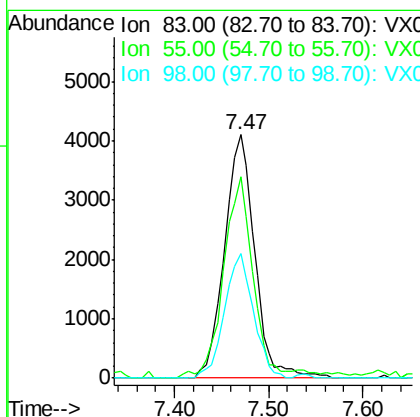
Manual Integrations  
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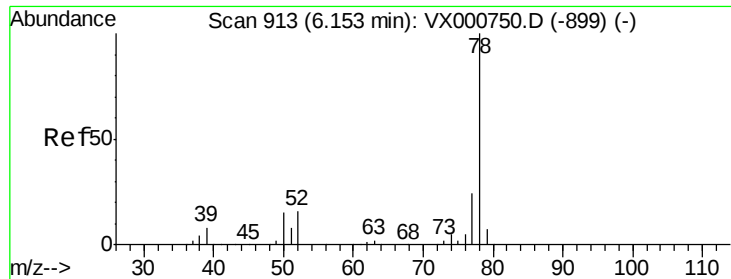
MMDadoda  
4/16/2018 12:59:58 PM



#39  
Methylcyclohexane  
Concen: 2.08 ug/l  
RT: 7.47 min Scan# 1129  
Delta R.T. -0.00 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   | 9137 |       |       |
| 55      | 80.2  |      | 61.5  | 92.3  |
| 98      | 51.4  |      | 38.1  | 57.1  |





#40

Benzene

Concen: 2.18 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

Tot Ion: 78 Resp: 22125

Ion Ratio Lower Upper

78 100

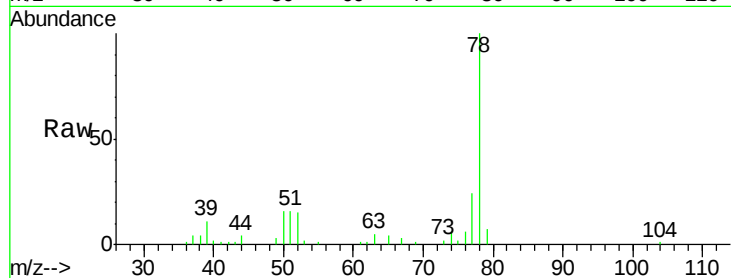
77 23.8 19.0 28.6

Manual Integrations

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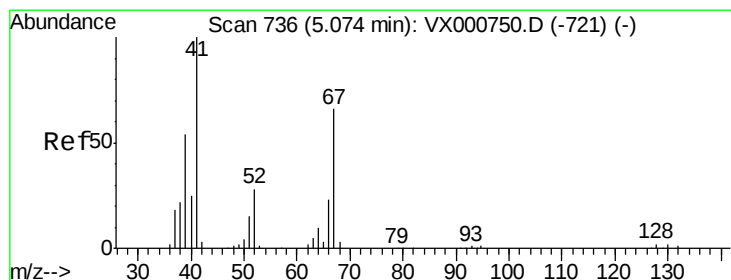
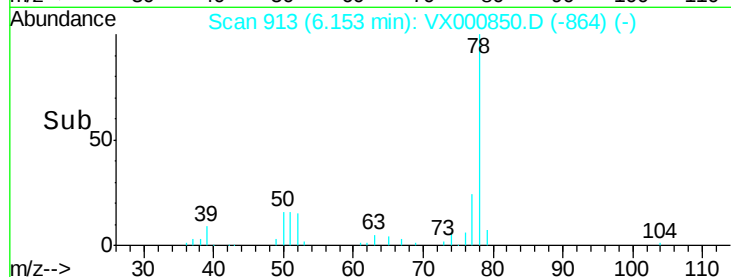
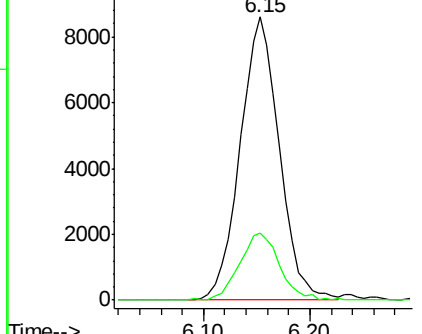
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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 2.31 ug/l

RT: 5.08 min Scan# 737

Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Tgt Ion: 41 Resp: 4750

Ion Ratio Lower Upper

41 100

39 59.2 44.9 67.3

67 69.7 54.7 82.1

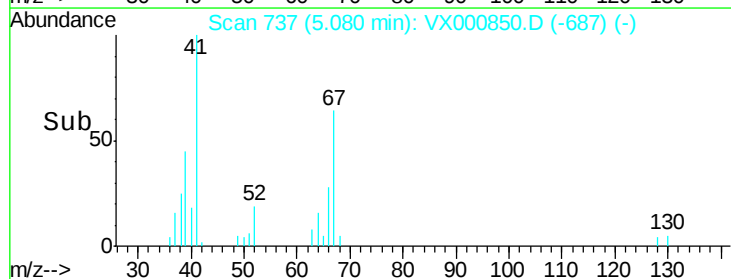
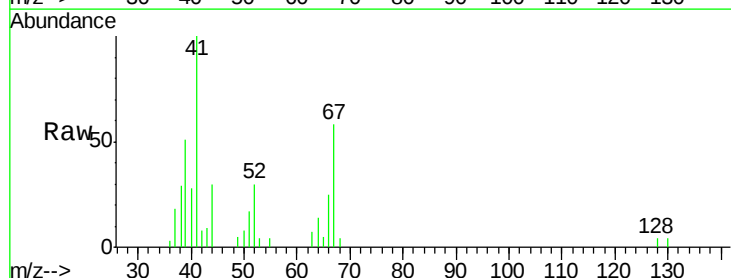
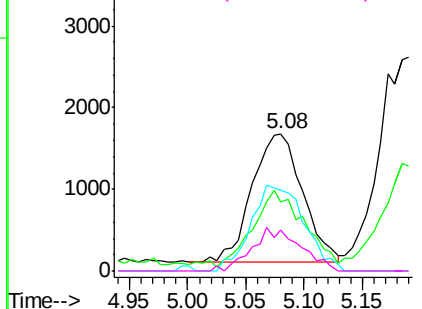
52 32.2 23.0 34.6

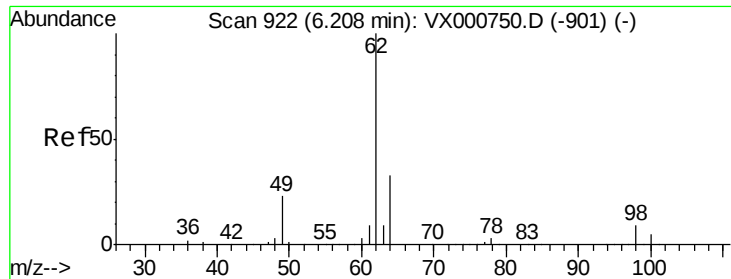
Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 2.21 ug/l

RT: 6.21 min Scan# 923

Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

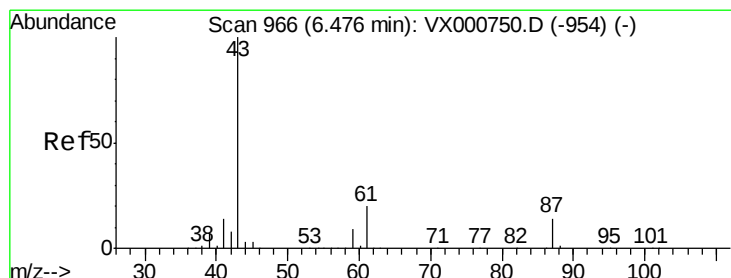
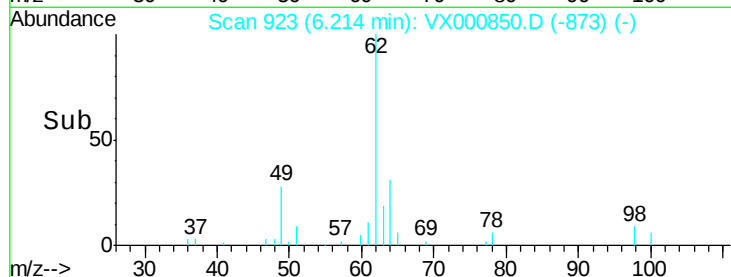
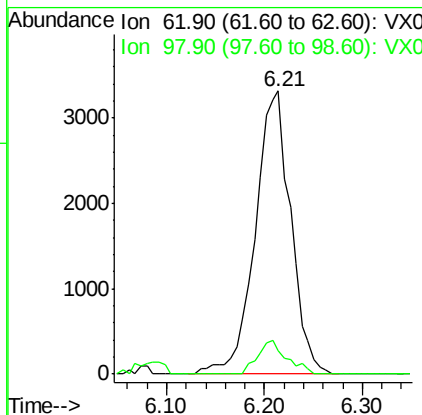
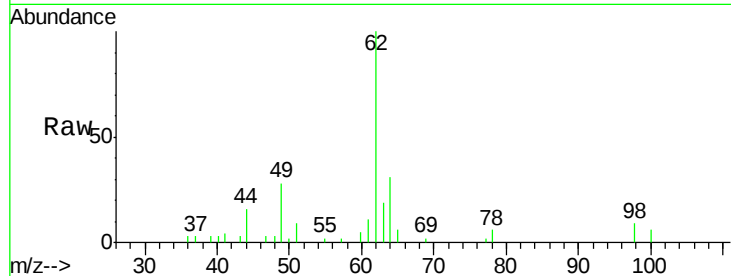
ClientSampleId :

LOQ-WATER-02-QT2-2018

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 62      | 100   | 8381 |       |       |
| 98      | 9.7   | 0.0  | 18.6  |       |

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#43

Isopropyl Acetate

Concen: 2.16 ug/l

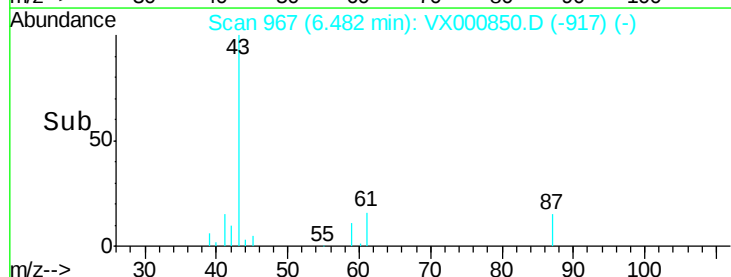
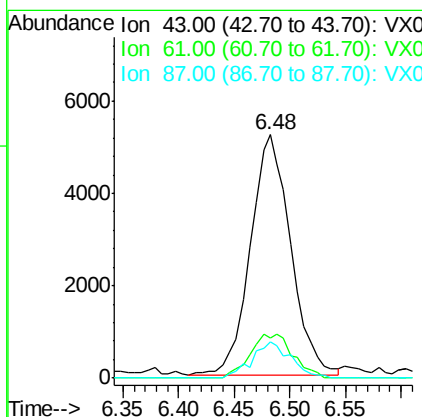
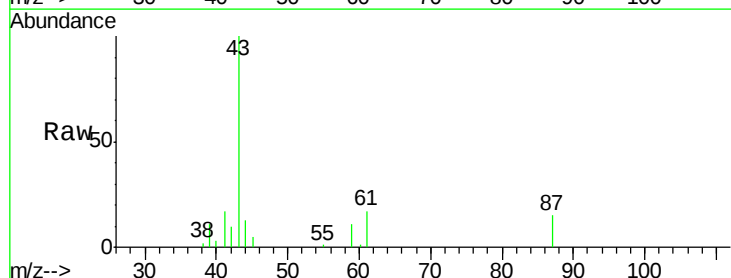
RT: 6.48 min Scan# 967

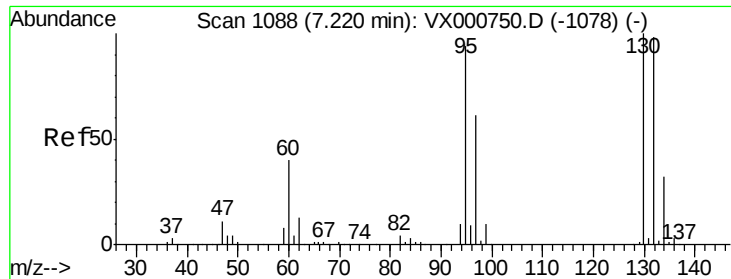
Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 43      | 100   | 13177 |       |       |
| 61      | 19.2  | 15.6  | 23.4  |       |
| 87      | 14.4  | 10.7  | 16.1  |       |





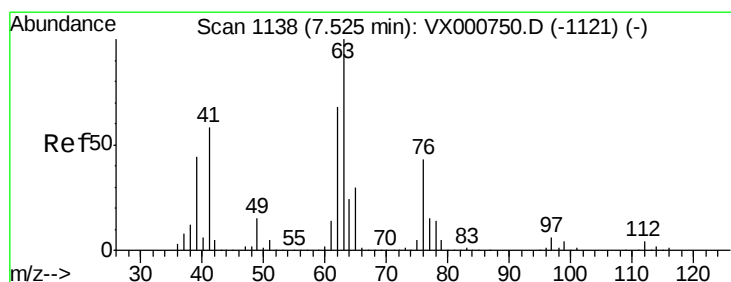
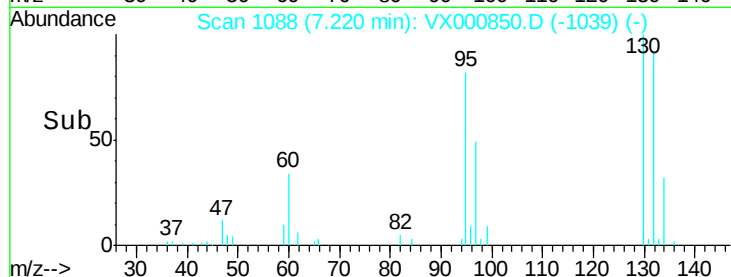
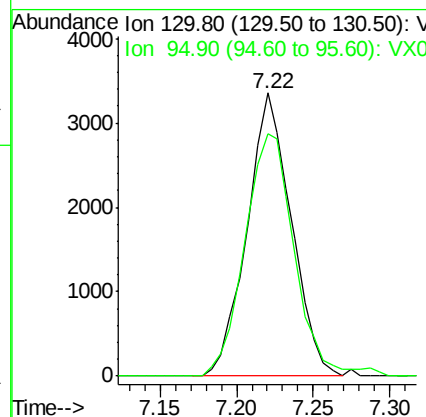
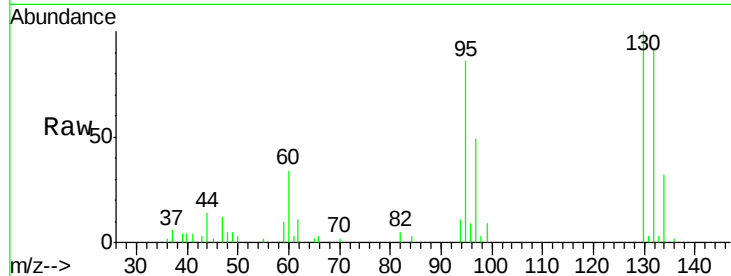
#44  
 Trichloroethene  
 Concen: 2.13 ug/l  
 RT: 7.22 min Scan# 1088  
 Delta R.T. -0.00 min  
 Lab File: VX000850.D  
 Acq: 13 Apr 2018 15:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2018

Tot Ion:130 Resp: 6736  
 Ion Ratio Lower Upper  
 130 100  
 95 85.8 0.0 187.0

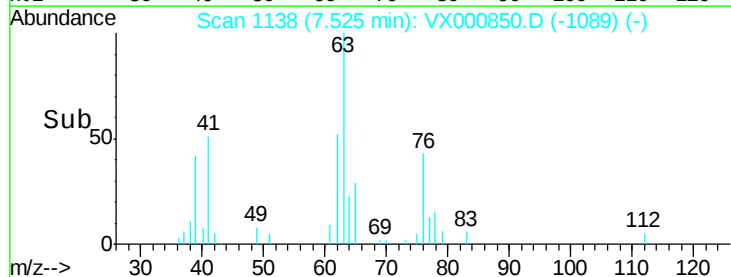
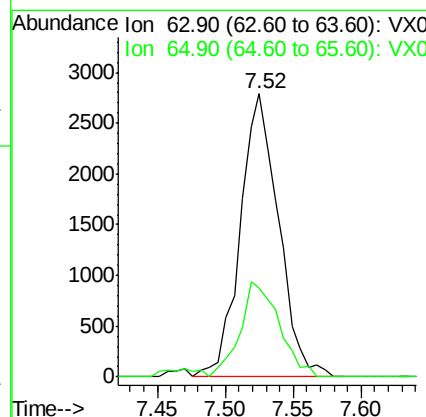
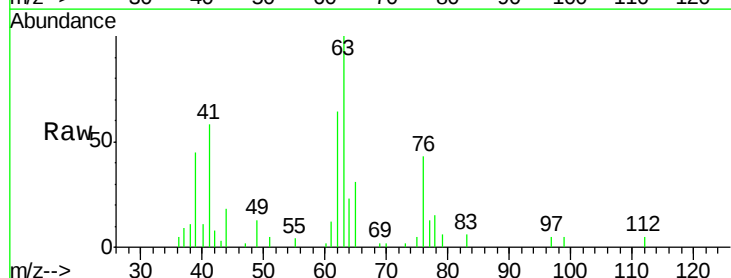
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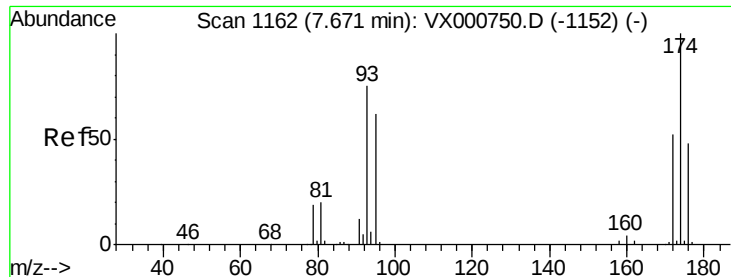
MMDadoda  
 4/16/2018 12:59:58 PM



#45  
 1,2-Dichloropropane  
 Concen: 2.13 ug/l  
 RT: 7.52 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VX000850.D  
 Acq: 13 Apr 2018 15:33

Tgt Ion: 63 Resp: 5497  
 Ion Ratio Lower Upper  
 63 100  
 65 31.3 23.7 35.5





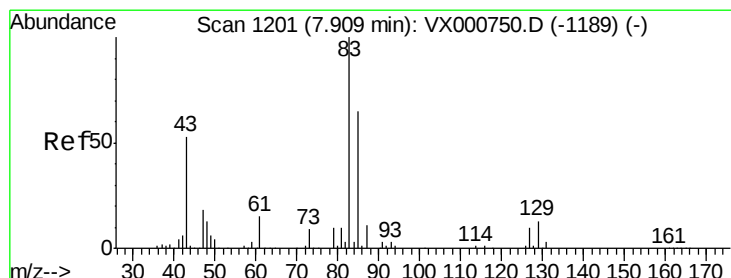
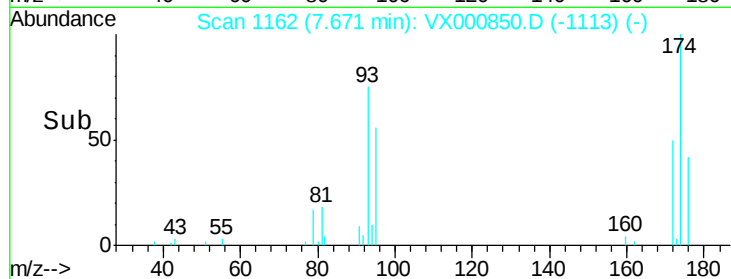
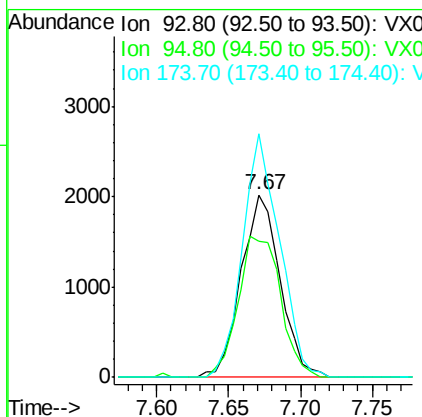
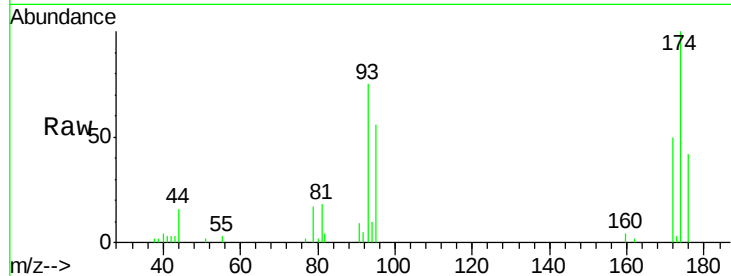
#46  
Dibromomethane  
Concen: 2.09 ug/l  
RT: 7.67 min Scan# 1162  
Delta R.T. -0.00 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 84.1  | 66.6  | 100.0 |
| 174     | 127.2 | 104.5 | 156.7 |

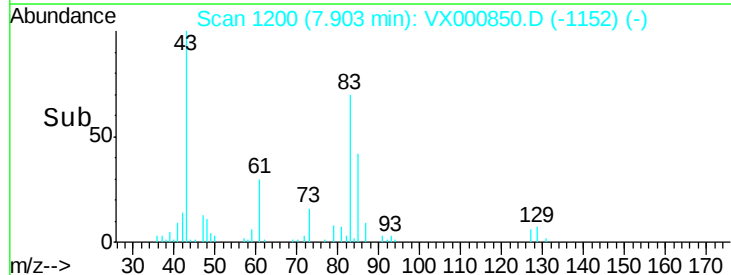
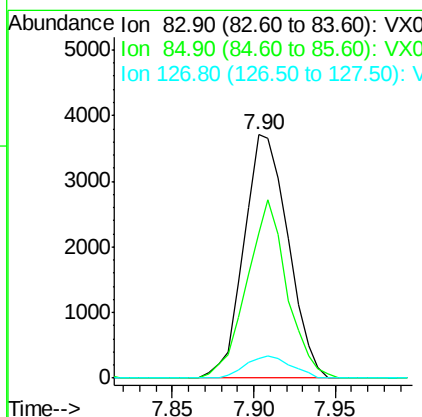
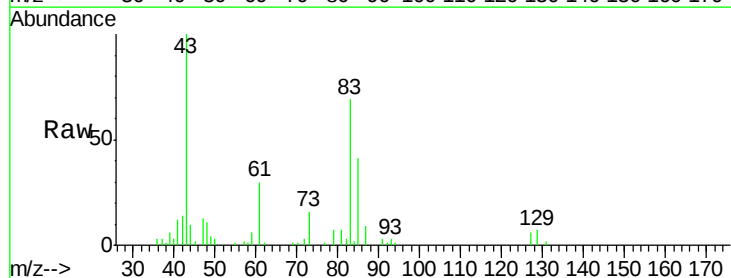
Manual Integrations  
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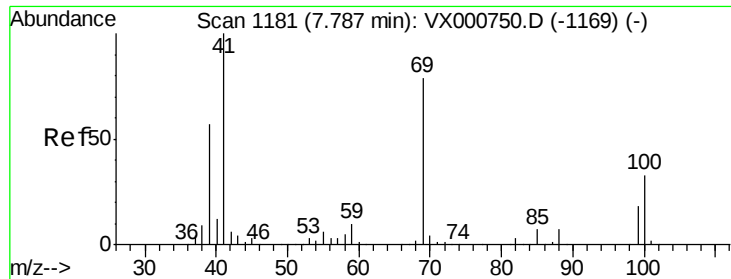
MMDadoda  
4/16/2018 12:59:58 PM



#47  
Bromodichloromethane  
Concen: 1.92 ug/l  
RT: 7.90 min Scan# 1200  
Delta R.T. -0.01 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 59.8  | 52.2  | 78.4  |
| 127     | 8.2   | 7.8   | 11.8  |





#48

Methvl methacrylate

Concen: 2.17 ug/l

RT: 7.79 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

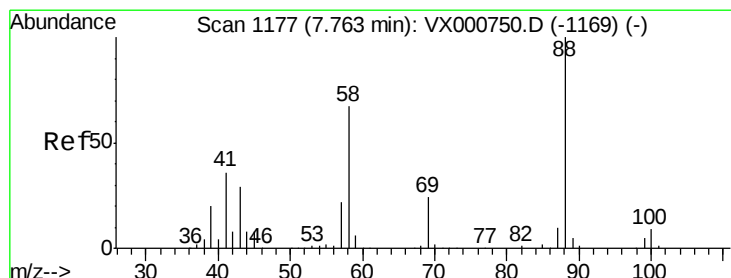
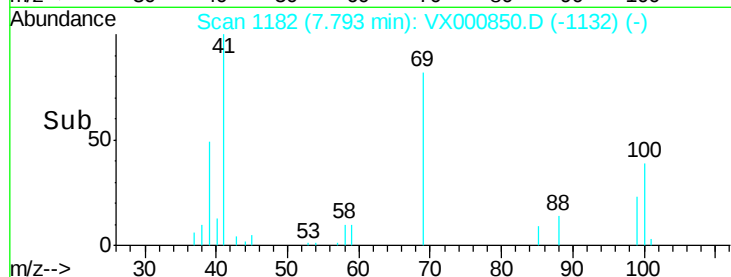
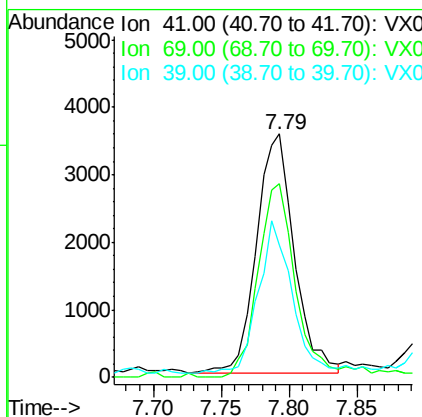
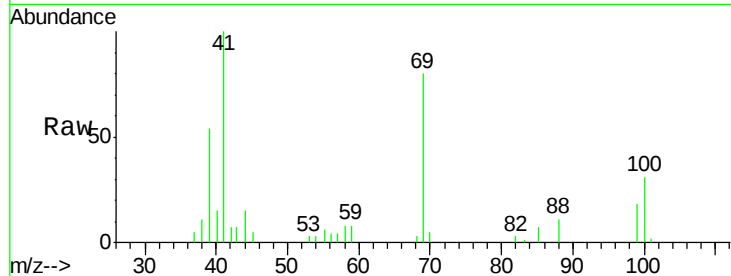
ClientSampleId :

LOQ-WATER-02-QT2-2018

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 6863  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 79.4  | 63.9  | 95.9  |
| 39       | 57.2  | 45.9  | 68.9  |

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#49

1,4-Dioxane

Concen: 43.52 ug/l

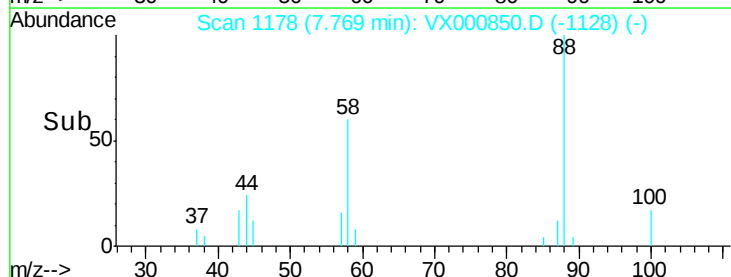
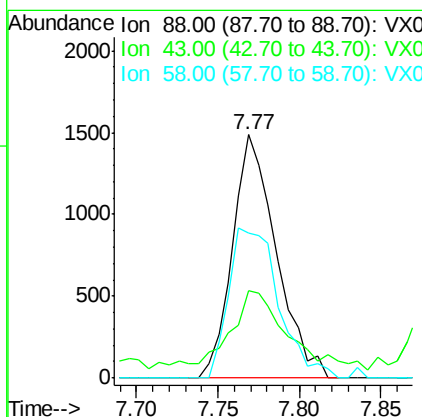
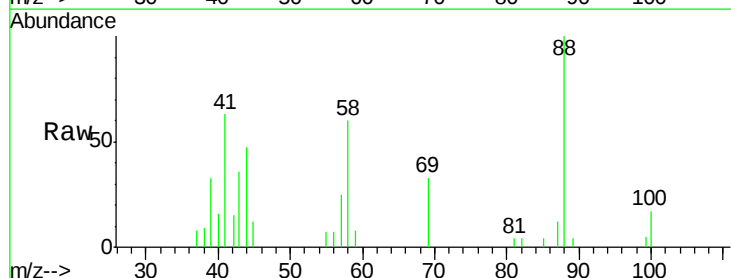
RT: 7.77 min Scan# 1178

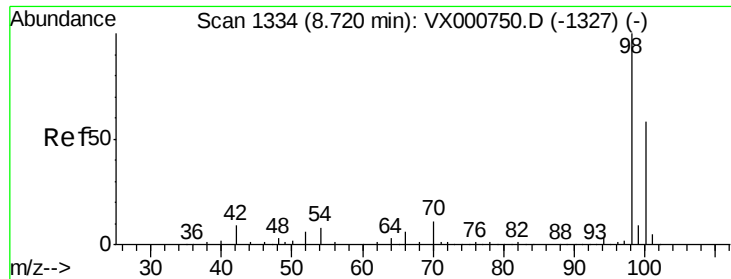
Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 2771  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 42.9  | 25.8  | 38.8# |
| 58       | 70.5  | 54.4  | 81.6  |





#50

Toluene-d8

Concen: 49.66 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

Tot Ion: 98 Resp: 472403

Ion Ratio Lower Upper

98 100

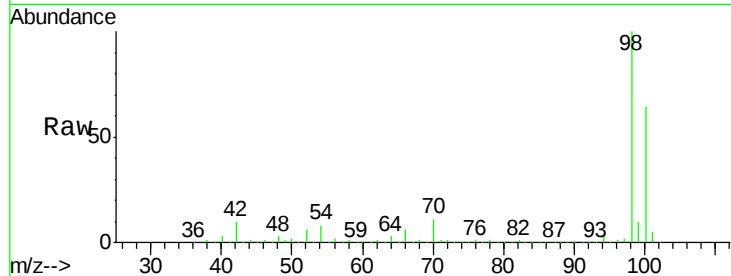
100 63.9 52.6 79.0

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.73

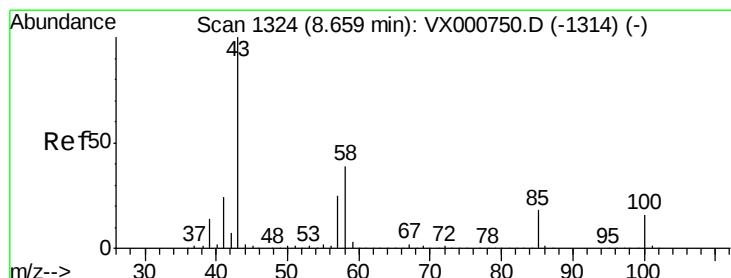
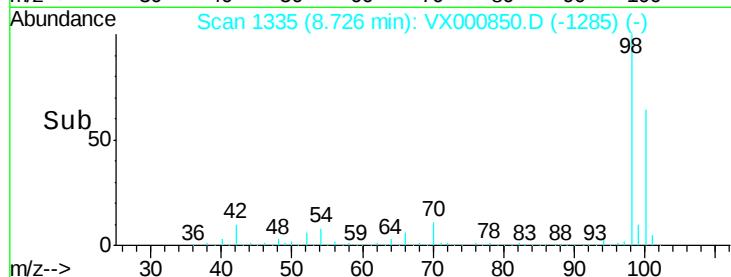
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 11.12 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000850.D

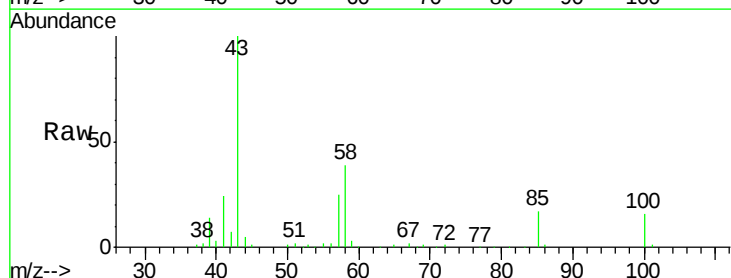
Acq: 13 Apr 2018 15:33

Tgt Ion: 43 Resp: 39941

Ion Ratio Lower Upper

43 100

58 37.7 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

25000

20000

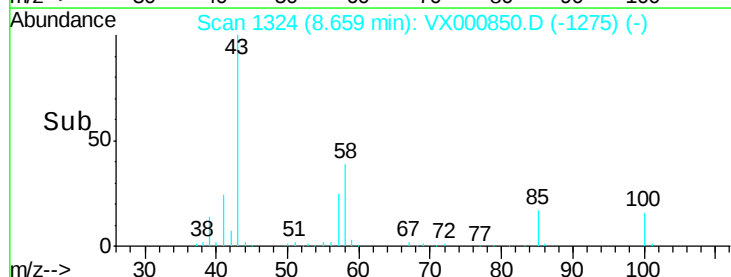
15000

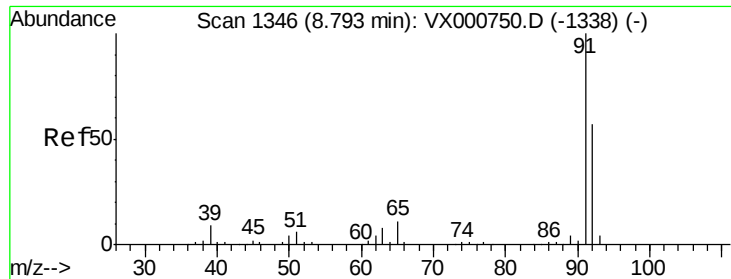
10000

5000

0

Time-->





#52

Toluene

Concen: 2.10 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

Tot Ion: 92 Resp: 14105

Ion Ratio Lower Upper

92 100

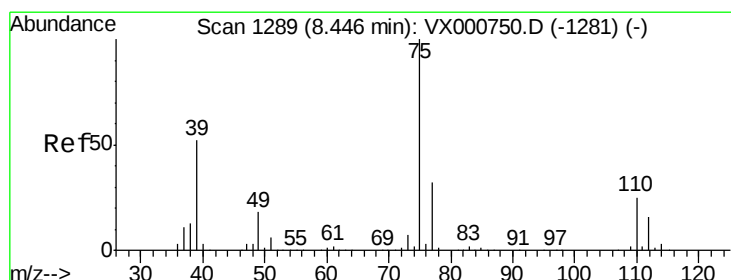
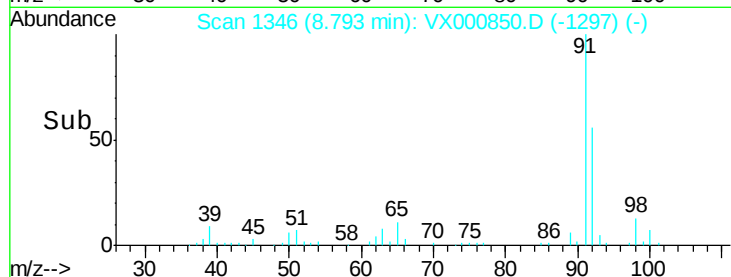
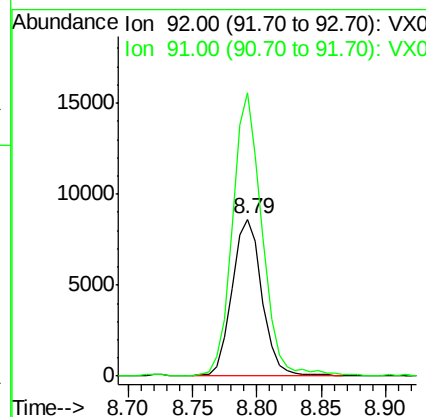
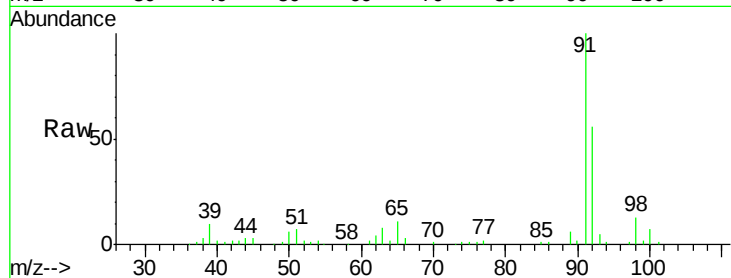
91 177.8 139.0 208.4

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#53

t-1,3-Dichloropropene

Concen: 1.86 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000850.D

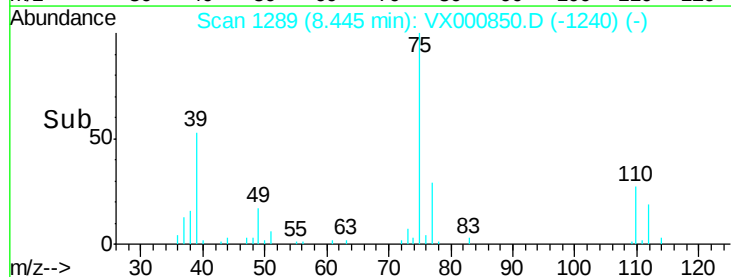
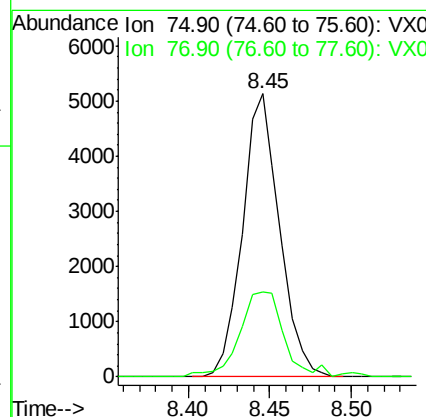
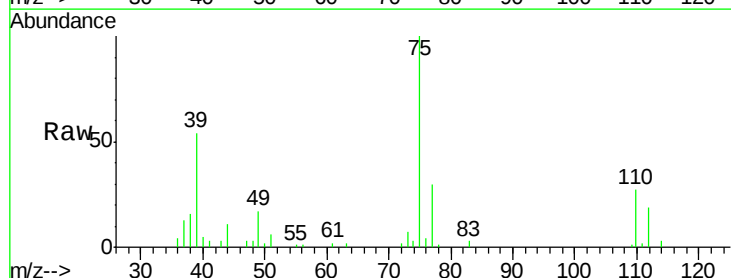
Acq: 13 Apr 2018 15:33

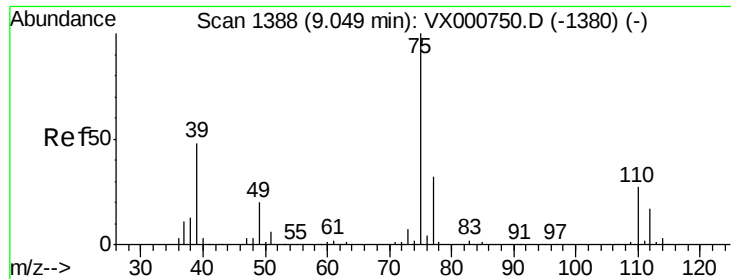
Tgt Ion: 75 Resp: 8094

Ion Ratio Lower Upper

75 100

77 28.8 25.4 38.2





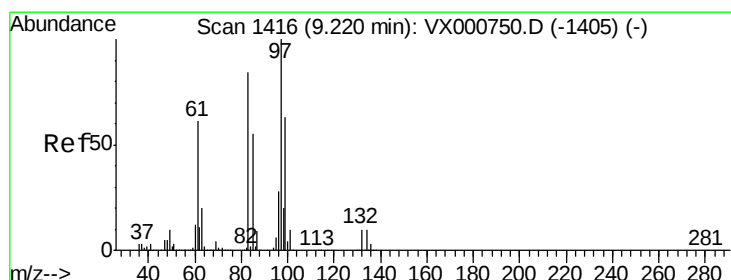
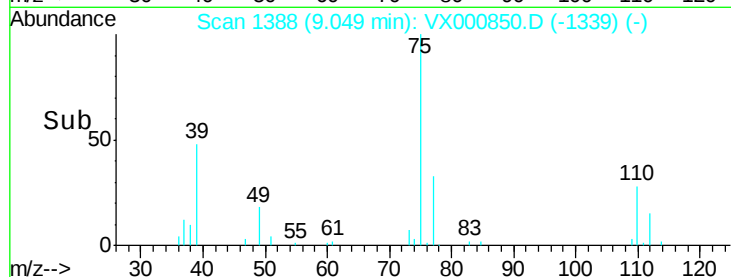
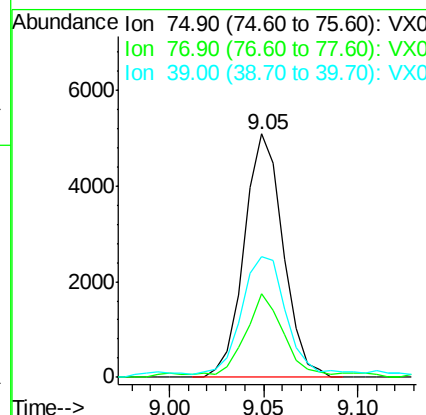
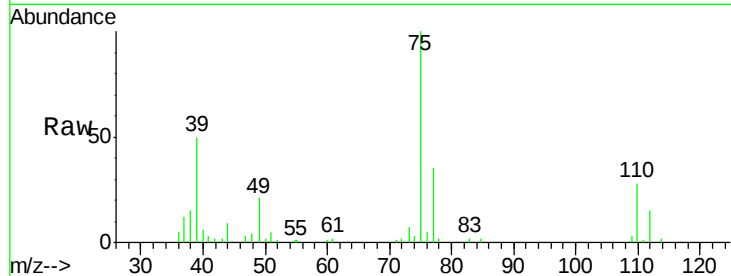
#54  
 cis-1,3-Dichloropropene  
 Concen: 1.72 ug/l  
 RT: 9.05 min Scan# 1388  
 Delta R.T. -0.00 min  
 Lab File: VX000850.D  
 Acq: 13 Apr 2018 15:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 33.6  | 25.4  | 38.2  |
| 39      | 48.3  | 38.6  | 58.0  |

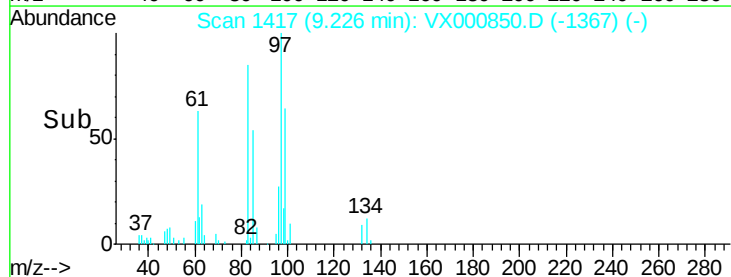
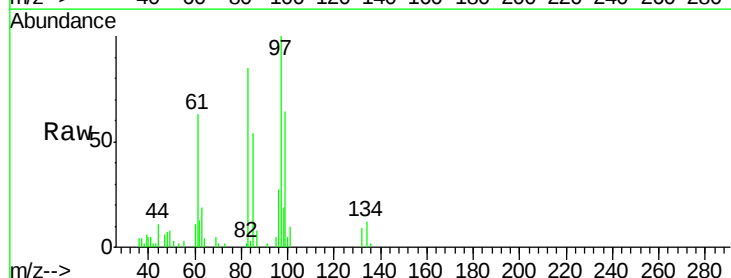
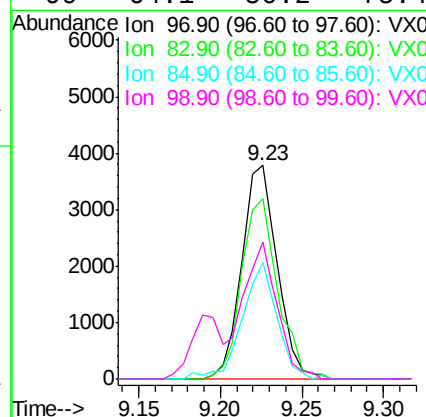
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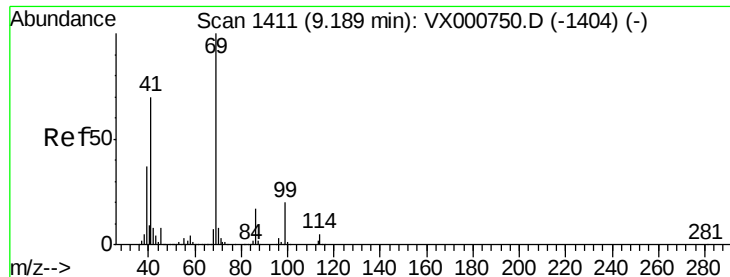
MMDadoda  
 4/16/2018 12:59:58 PM



#55  
 1,1,2-Trichloroethane  
 Concen: 2.15 ug/l  
 RT: 9.23 min Scan# 1417  
 Delta R.T. 0.01 min  
 Lab File: VX000850.D  
 Acq: 13 Apr 2018 15:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 84.7  | 67.6  | 101.4 |
| 85      | 54.4  | 43.8  | 65.6  |
| 99      | 64.1  | 50.2  | 75.4  |





#56

Ethyl methacrylate

Concen: 2.10 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

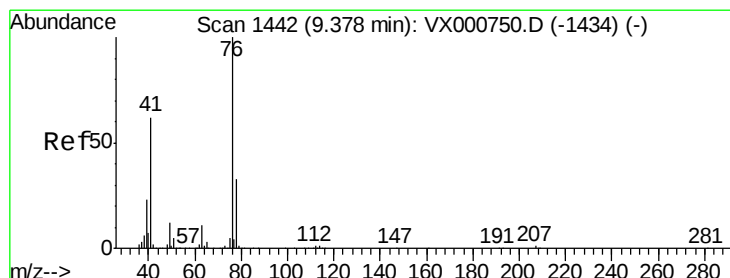
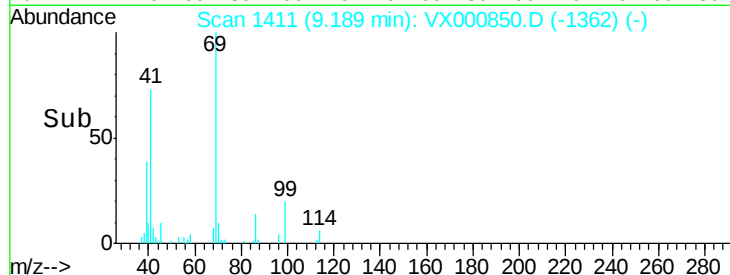
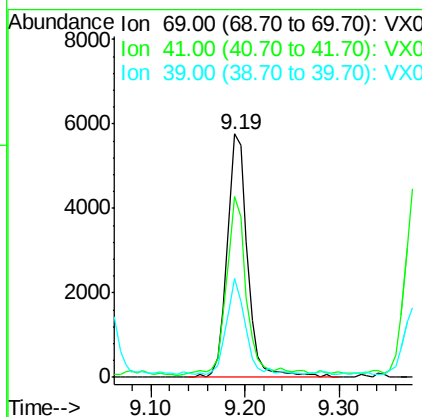
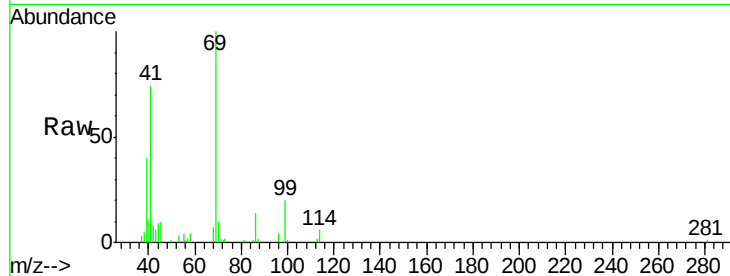
ClientSampleId :

LOQ-WATER-02-QT2-2018

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 69    | Resp: | 8659  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 70.6  | 55.6  | 83.4  |
| 39       | 36.0  | 30.3  | 45.5  |

Manual Integrations  
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#57

1,3-Dichloropropane

Concen: 2.29 ug/l

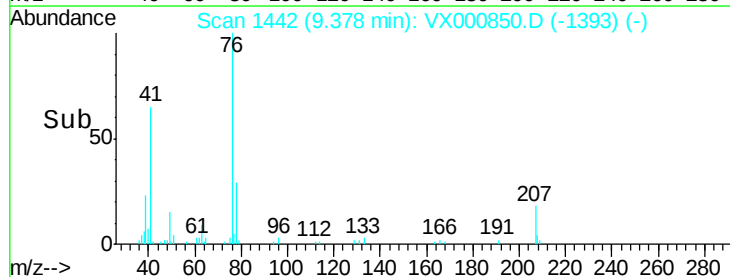
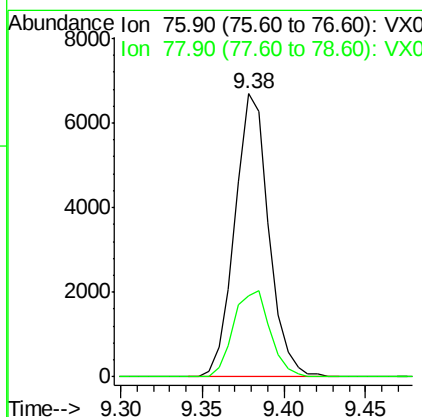
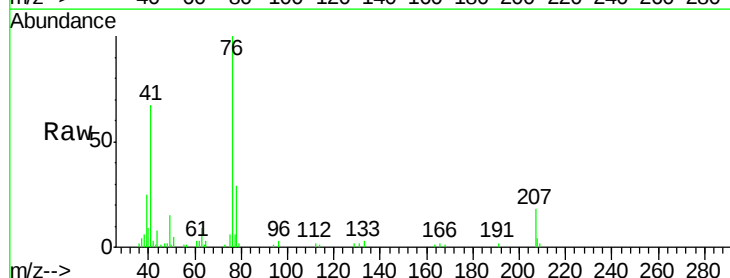
RT: 9.38 min Scan# 1442

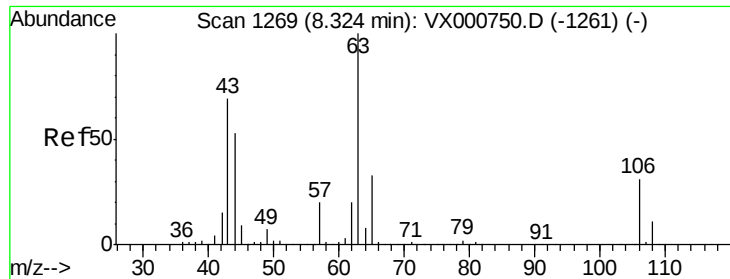
Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 76    | Resp: | 9709  |
| Ion      | Ratio | Lower | Upper |
| 76       | 100   |       |       |
| 78       | 32.7  | 25.8  | 38.6  |





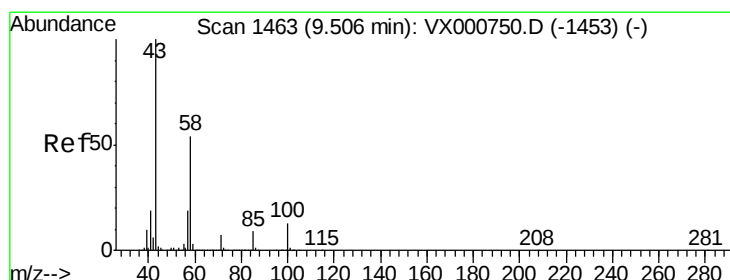
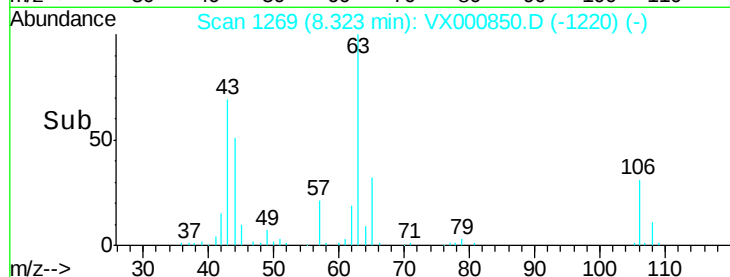
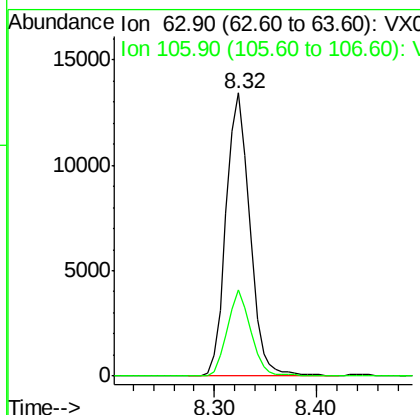
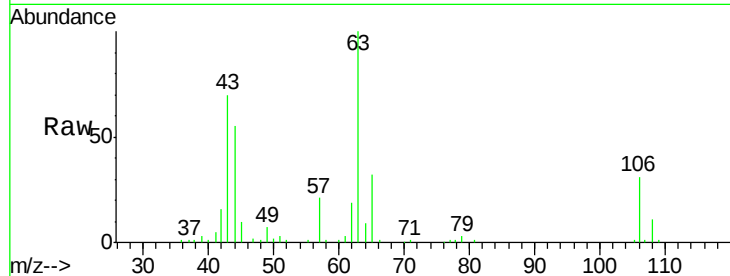
#58  
2-Chloroethyl Vinyl ether  
Concen: 11.34 ug/l  
RT: 8.32 min Scan# 1269  
Delta R.T. -0.00 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2018

Tot Ion: 63 Resp: 21836  
Ion Ratio Lower Upper  
63 100  
106 29.8 24.3 36.5

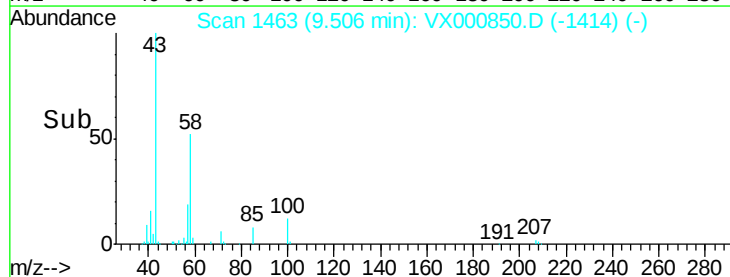
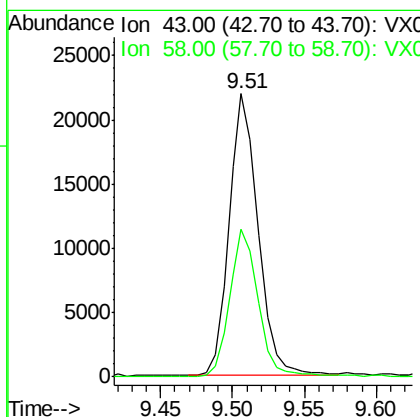
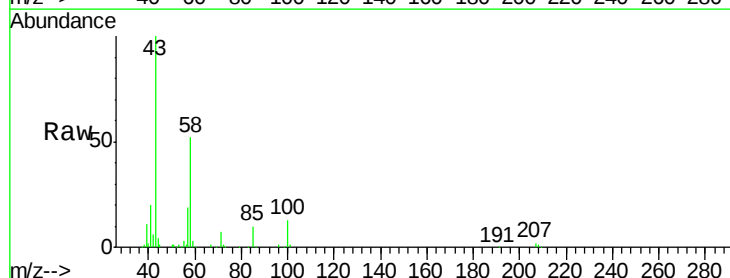
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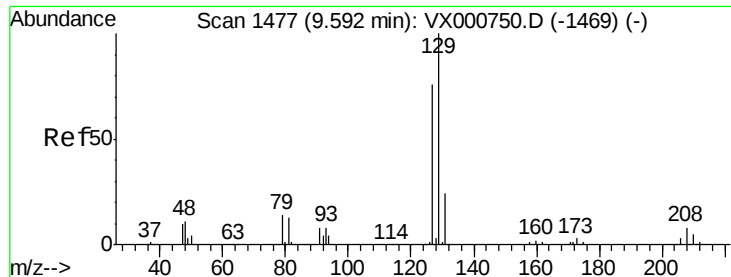
MMDadoda  
4/16/2018 12:59:58 PM



#59  
2-Hexanone  
Concen: 11.23 ug/l  
RT: 9.51 min Scan# 1463  
Delta R.T. -0.00 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

Tgt Ion: 43 Resp: 31119  
Ion Ratio Lower Upper  
43 100  
58 52.3 26.5 79.5





#60

Dibromochloromethane

Concen: 1.69 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

Tot Ion:129 Resp: 5404

Ion Ratio Lower Upper

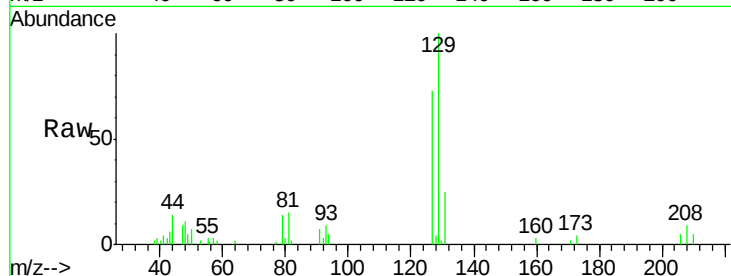
129 100

127 75.3 38.4 115.1

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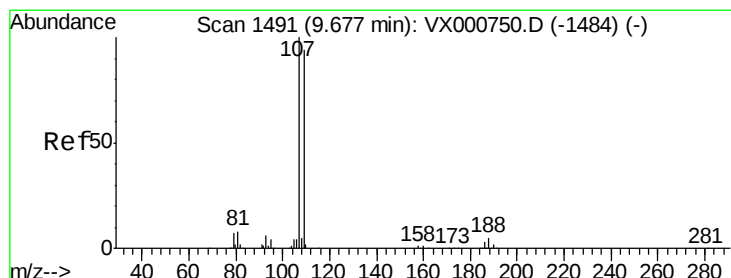
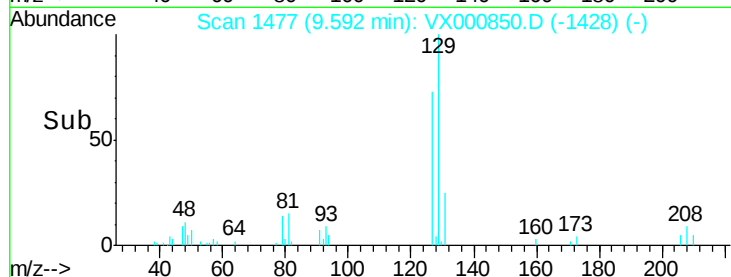
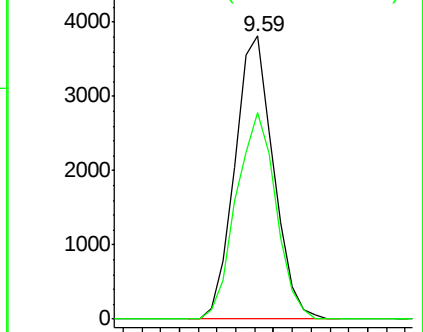
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 2.09 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.01 min

Lab File: VX000850.D

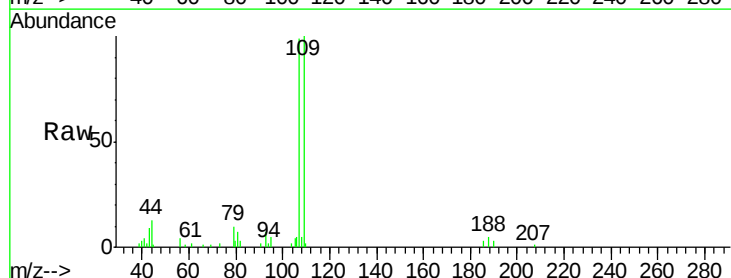
Acq: 13 Apr 2018 15:33

Tgt Ion:107 Resp: 5928

Ion Ratio Lower Upper

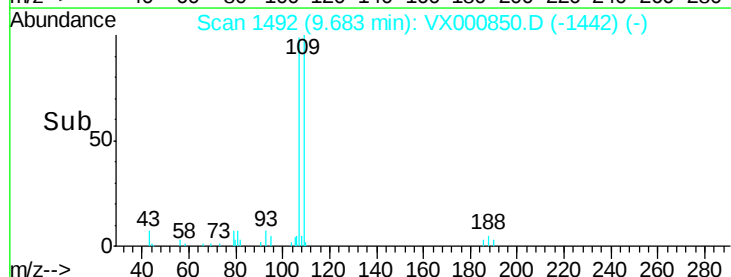
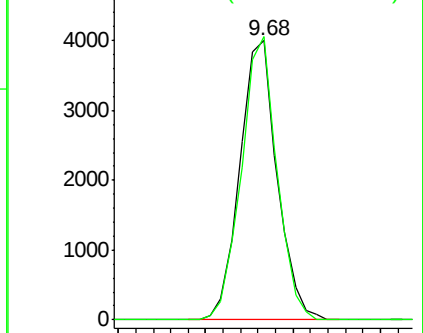
107 100

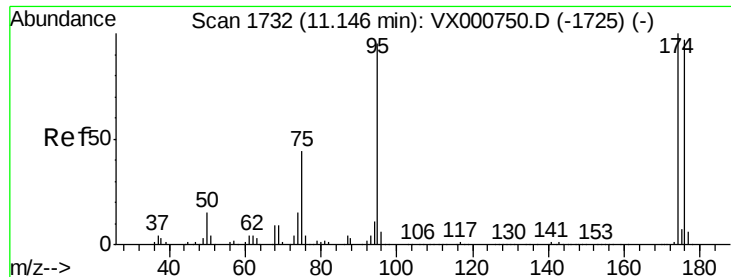
109 96.6 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 47.81 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

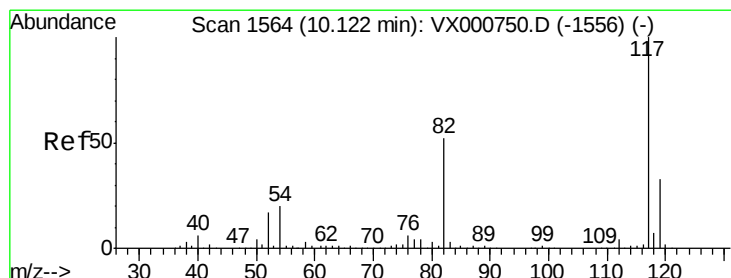
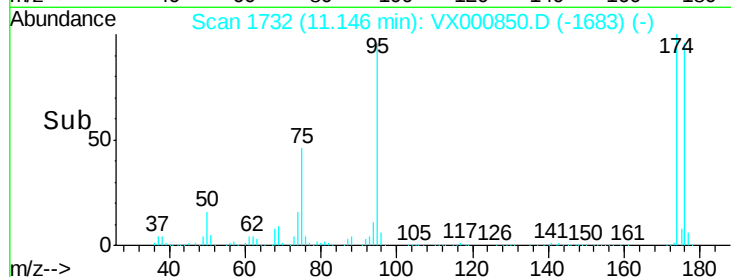
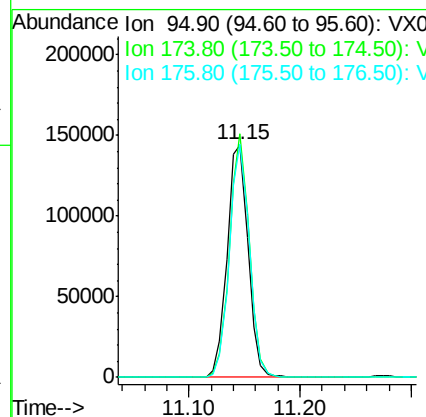
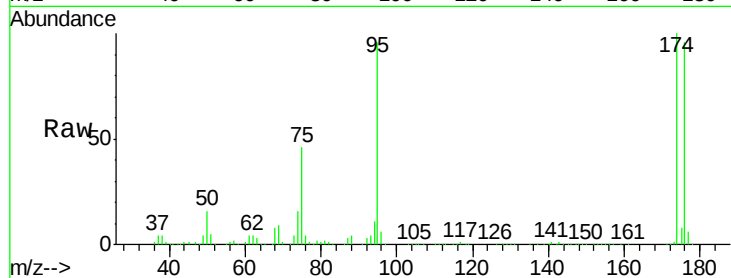
ClientSampleId :

LOQ-WATER-02-QT2-2018

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 95    | Resp: | 188144 |
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 98.1  | 0.0   | 198.4  |
| 176       | 95.9  | 0.0   | 194.4  |

Manual Integrations  
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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

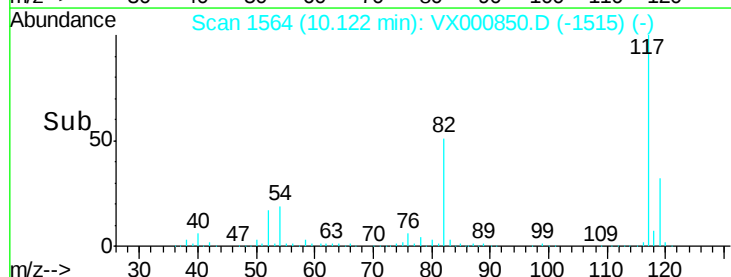
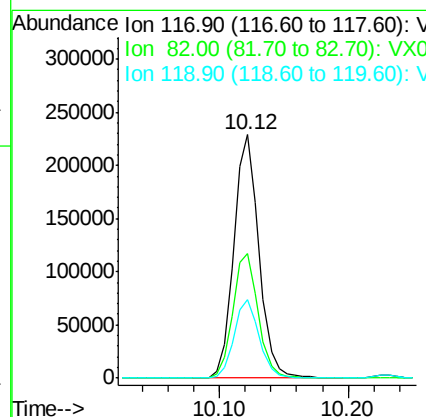
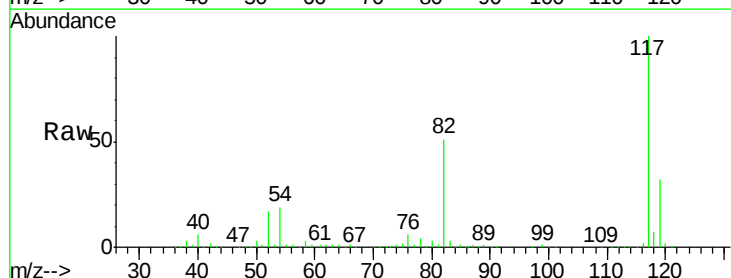
RT: 10.12 min Scan# 1564

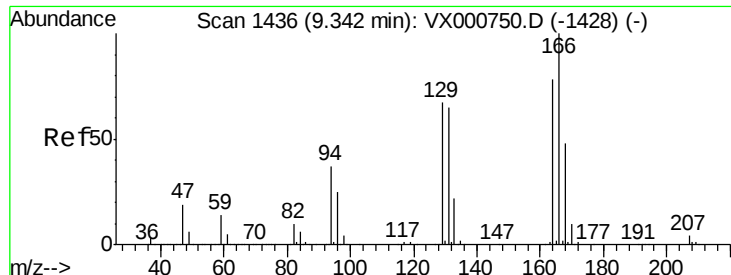
Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 311752 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 51.1  | 41.9  | 62.9   |
| 119       | 32.2  | 26.0  | 39.0   |





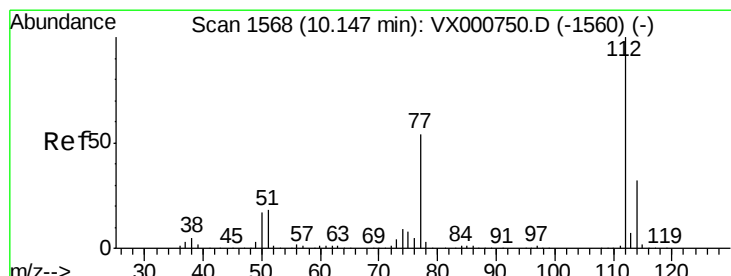
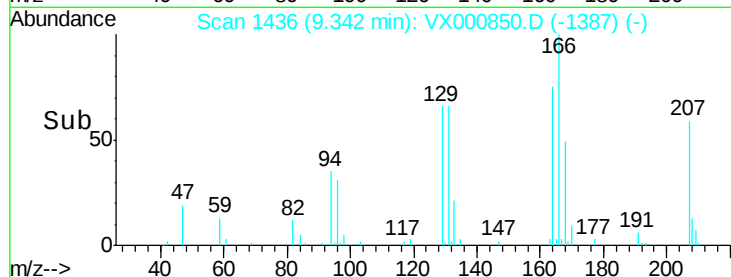
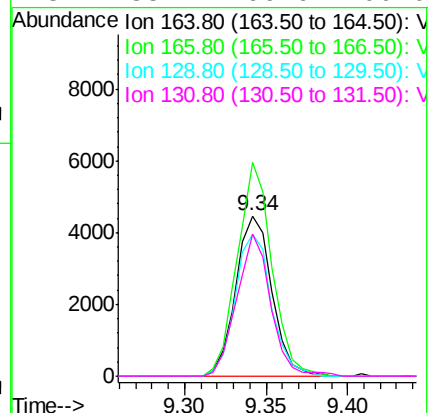
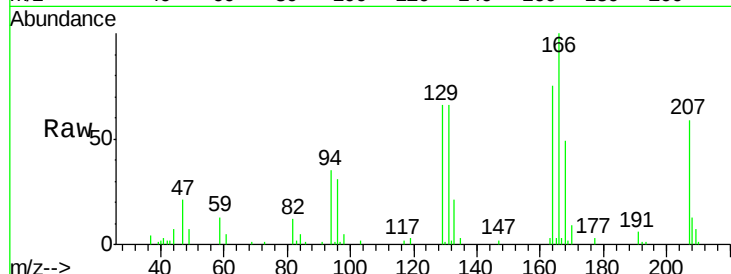
#64  
 Tetrachloroethene  
 Concen: 2.26 ug/l  
 RT: 9.34 min Scan# 1436  
 Delta R.T. -0.00 min  
 Lab File: VX000850.D  
 Acq: 13 Apr 2018 15:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2018

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 164   | Resp: | 6899  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 133.3 | 102.8 | 154.2 |
| 129      | 88.6  | 68.5  | 102.7 |
| 131      | 88.4  | 66.6  | 100.0 |

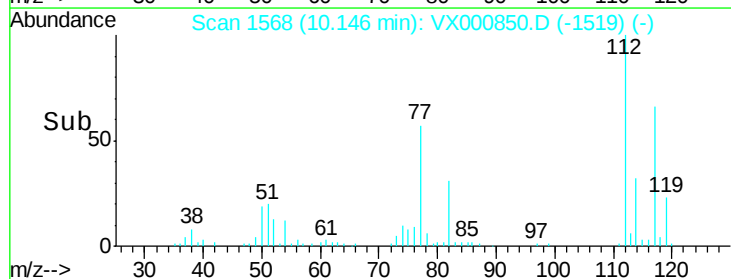
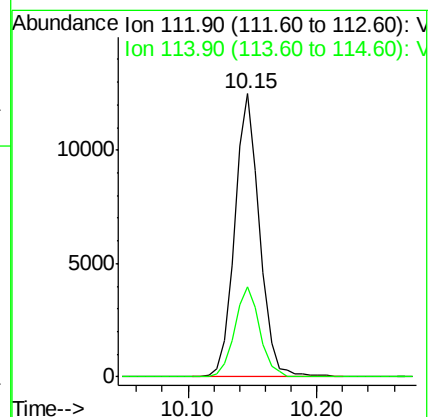
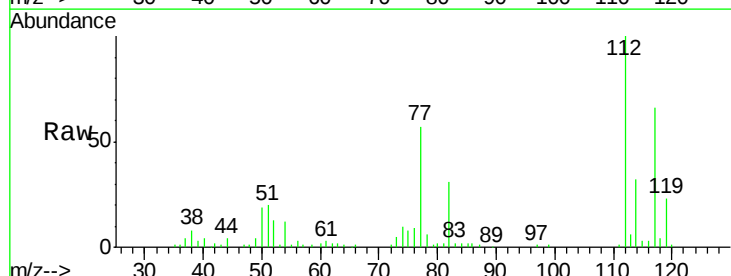
Manual Integrations  
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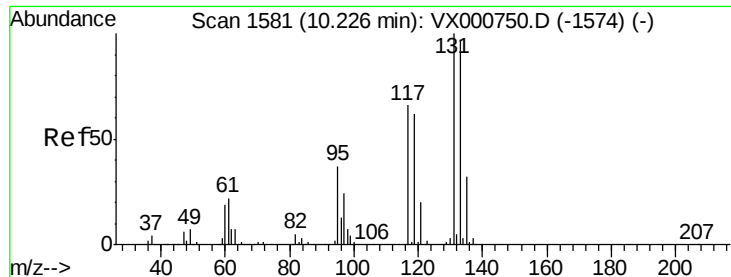
MMDadoda  
 4/16/2018 12:59:58 PM



#65  
 Chlorobenzene  
 Concen: 2.15 ug/l  
 RT: 10.15 min Scan# 1568  
 Delta R.T. -0.00 min  
 Lab File: VX000850.D  
 Acq: 13 Apr 2018 15:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 16831 |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 114      | 31.7  | 25.8  | 38.8  |





#66

1,1,1,2-Tetrachloroethane

Concen: 1.92 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

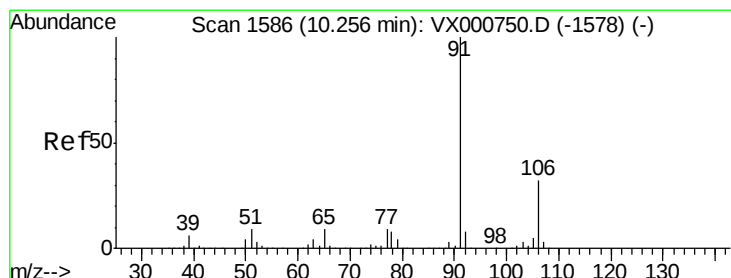
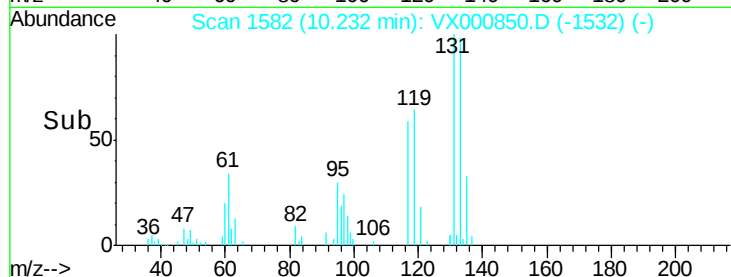
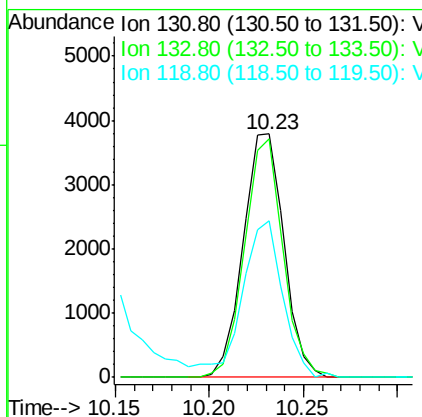
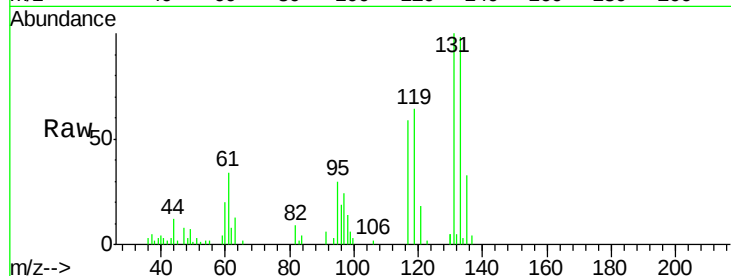
ClientSampleId :

LOQ-WATER-02-QT2-2018

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 131   | Resp: | 5669  |
| Ion      | Ratio | Lower | Upper |
| 131      | 100   |       |       |
| 133      | 92.4  | 48.3  | 144.9 |
| 119      | 63.4  | 31.4  | 94.0  |

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#67

Ethyl Benzene

Concen: 2.12 ug/l

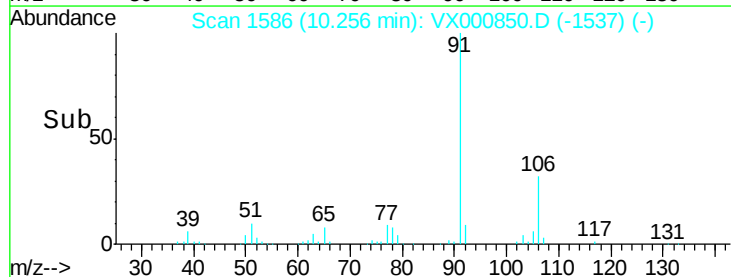
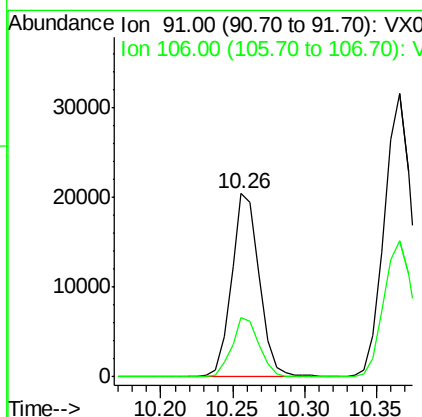
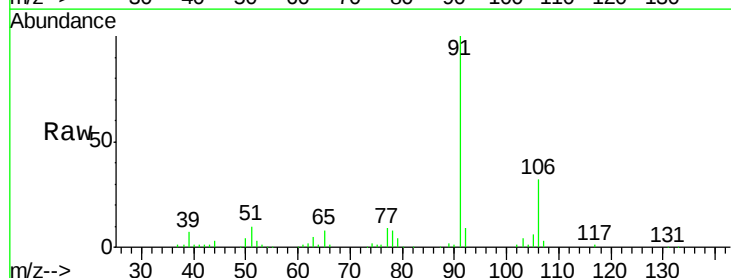
RT: 10.26 min Scan# 1586

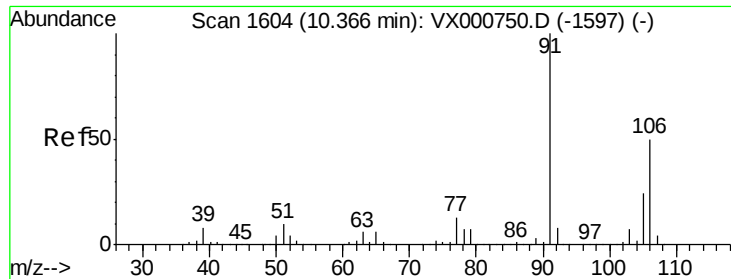
Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 27723 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 106      | 32.2  | 25.4  | 38.0  |





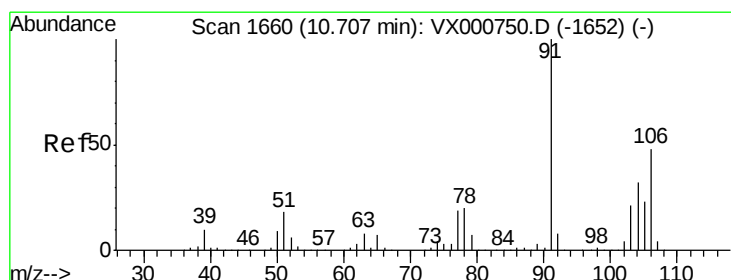
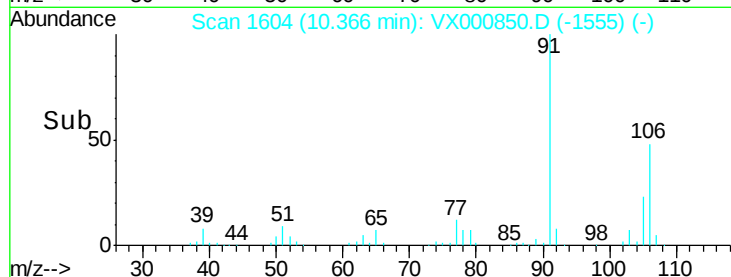
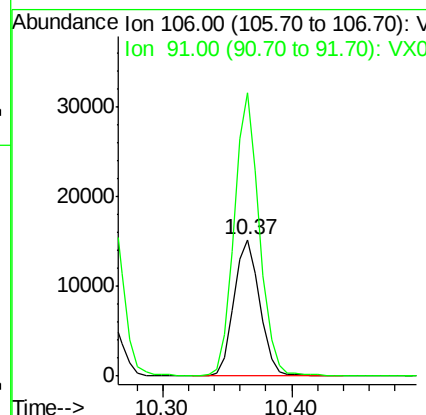
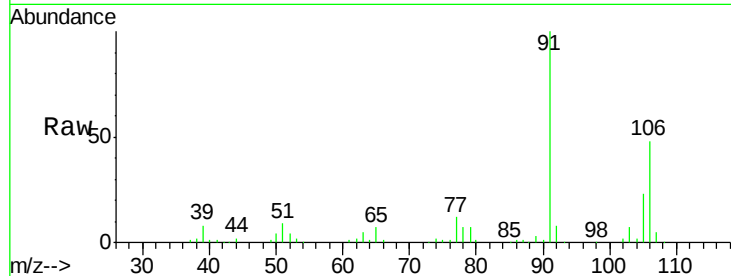
#68  
m/p-Xvlenes  
Concen: 4.15 ug/l  
RT: 10.37 min Scan# 1604  
Delta R.T. -0.00 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2018

Tot Ion:106 Resp: 21435  
Ion Ratio Lower Upper  
106 100  
91 202.5 159.3 238.9

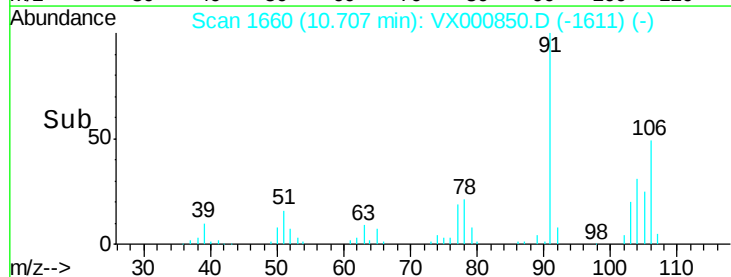
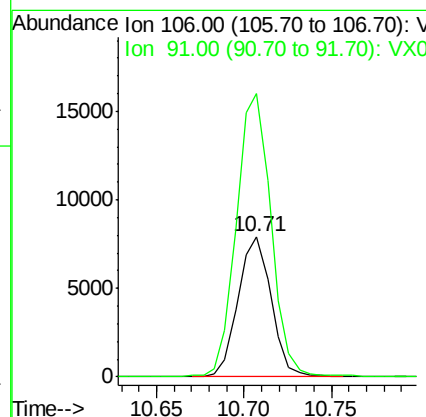
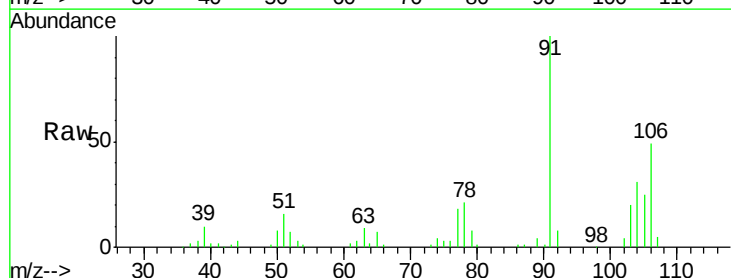
Manual Integrations  
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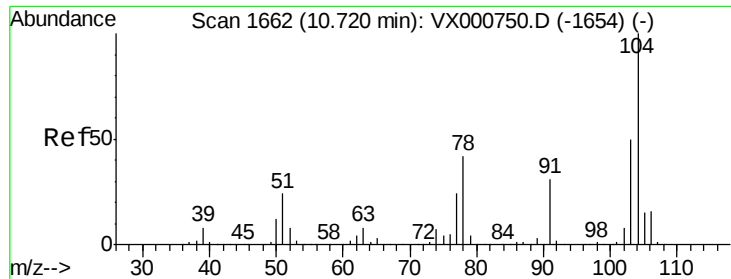
MMDadoda  
4/16/2018 12:59:58 PM



#69  
o-Xylene  
Concen: 2.09 ug/l  
RT: 10.71 min Scan# 1660  
Delta R.T. -0.00 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

Tgt Ion:106 Resp: 10397  
Ion Ratio Lower Upper  
106 100  
91 212.2 105.0 315.0





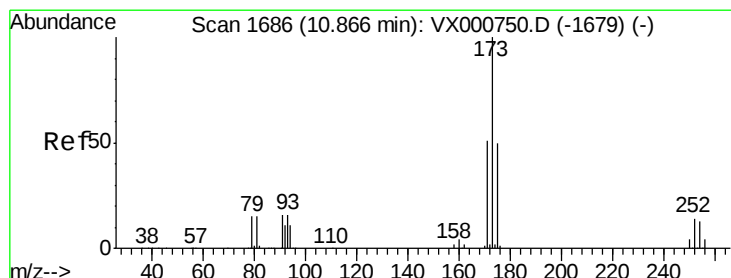
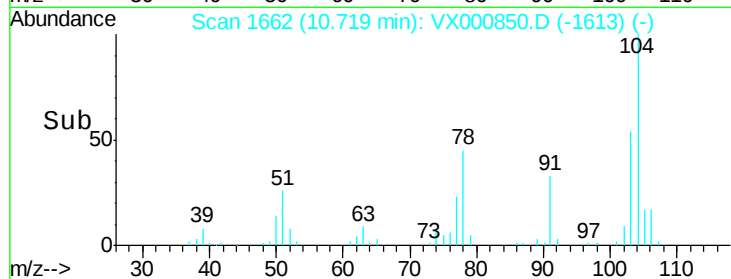
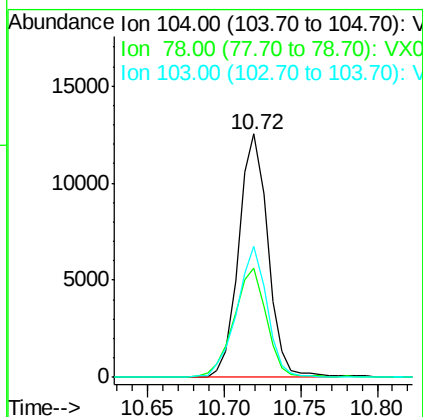
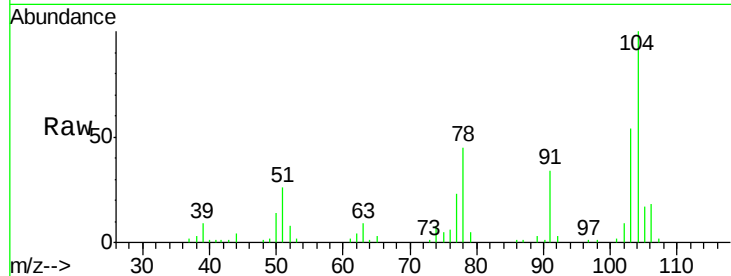
#70  
Stvrene  
Concen: 1.99 ug/l  
RT: 10.72 min Scan# 1662  
Delta R.T. -0.00 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 50.0  | 39.0  | 58.6  |
| 103     | 55.6  | 44.1  | 66.1  |

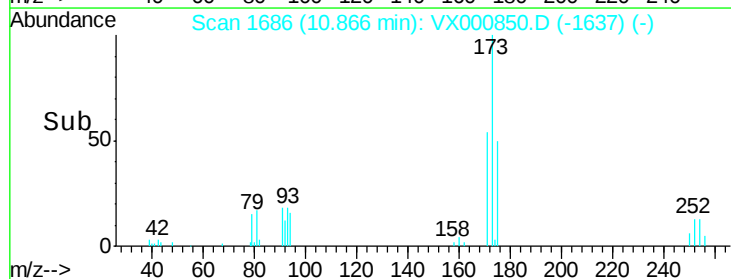
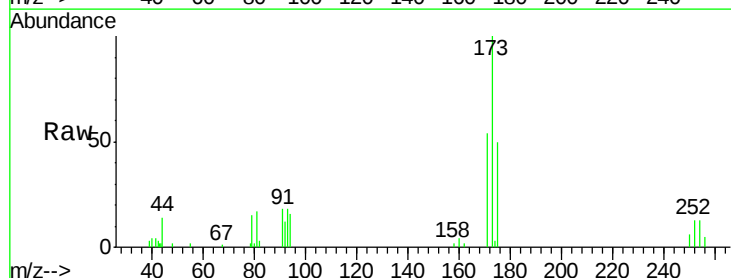
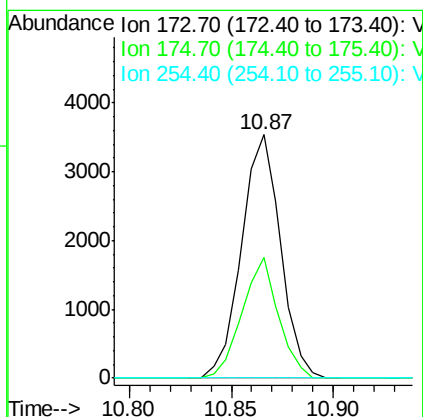
Manual Integrations  
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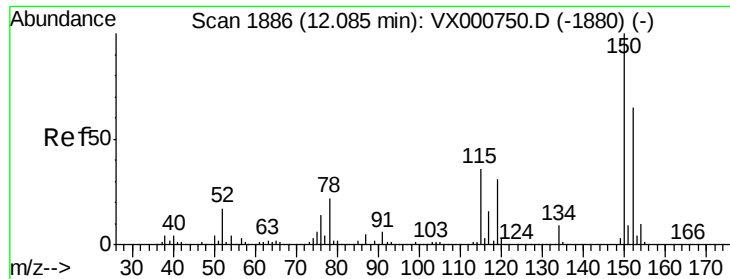
MMDadoda  
4/16/2018 12:59:58 PM



#71  
Bromoform  
Concen: 1.71 ug/l  
RT: 10.87 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 46.2  | 24.5  | 73.5  |
| 254     | 0.0   | 0.2   | 0.2#  |





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

Tot Ion:152 Resp: 205978

Ion Ratio Lower Upper

152 100

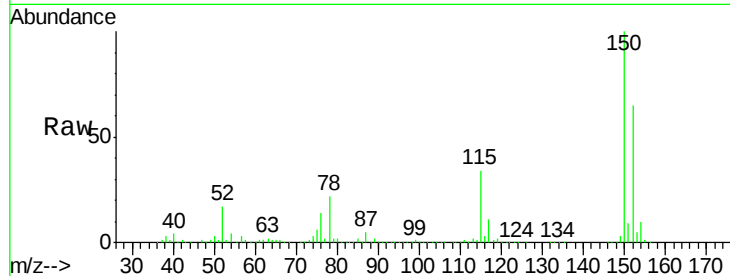
115 54.0 37.9 113.7

150 157.0 0.0 348.0

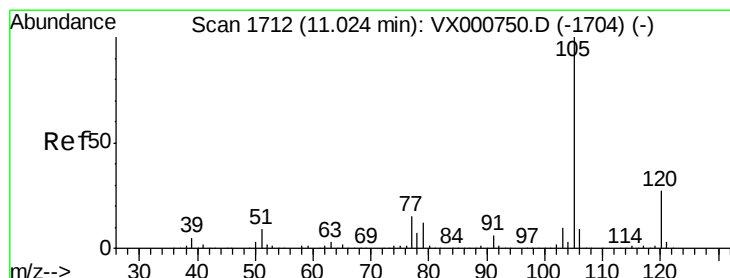
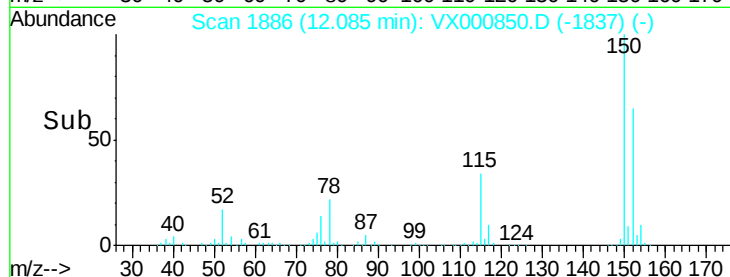
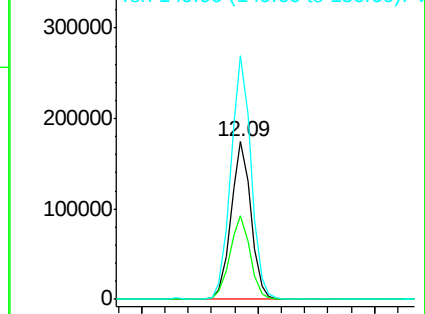
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Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 2.18 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000850.D

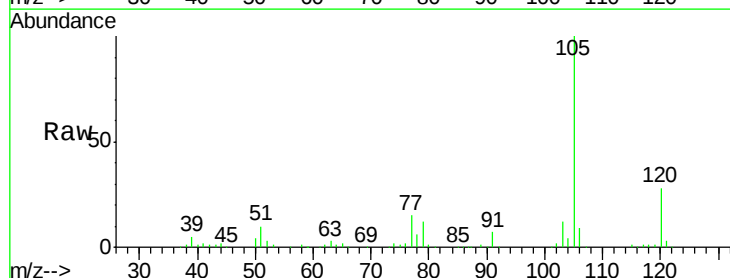
Acq: 13 Apr 2018 15:33

Tgt Ion:105 Resp: 28427

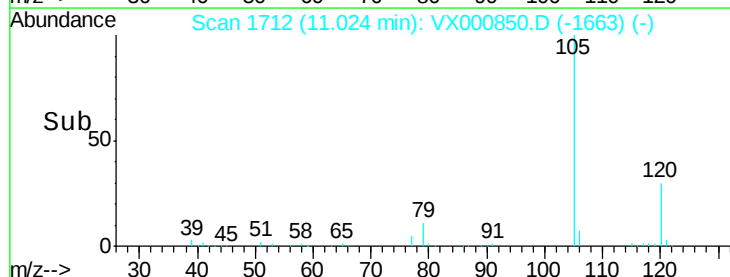
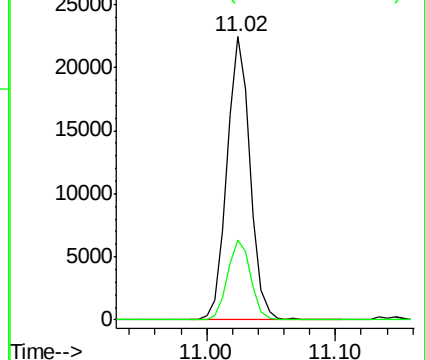
Ion Ratio Lower Upper

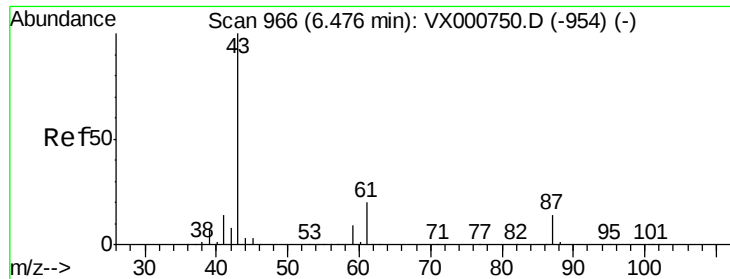
105 100

120 28.0 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.24 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

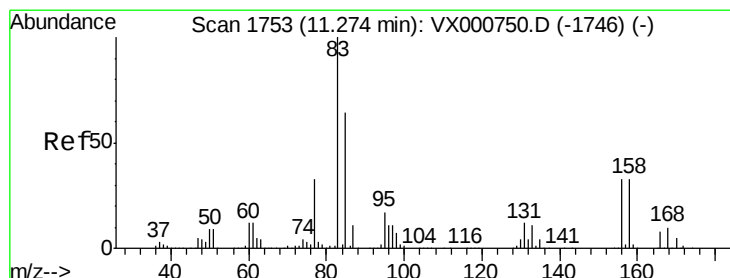
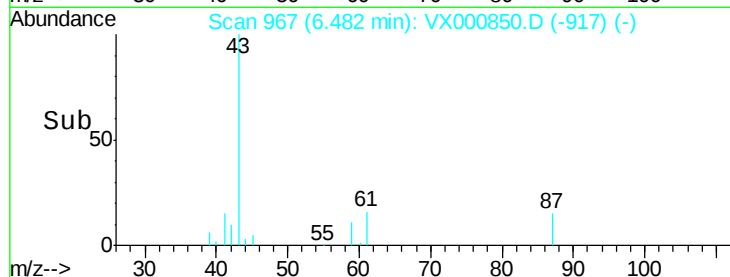
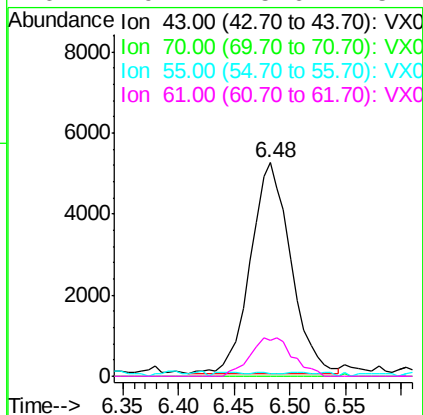
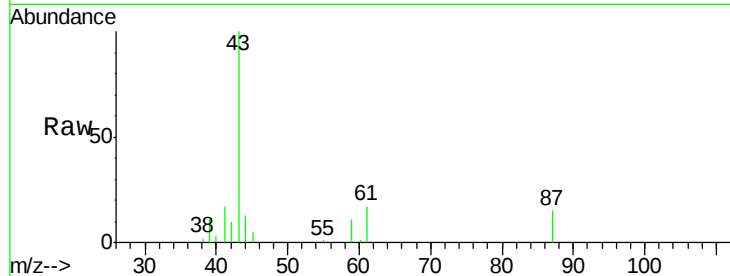
ClientSampleId :

LOQ-WATER-02-QT2-2018

| Tot Ion | 43    | Resp  | 13177 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 43      | 100   |       |       |
| 70      | 0.0   | 0.0   | 0.0   |
| 55      | 0.0   | 0.0   | 0.0   |
| 61      | 19.2  | 15.6  | 23.4  |

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#75

1,1,2,2-Tetrachloroethane

Concen: 2.18 ug/l

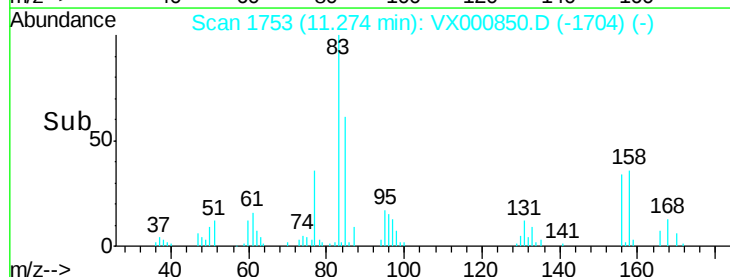
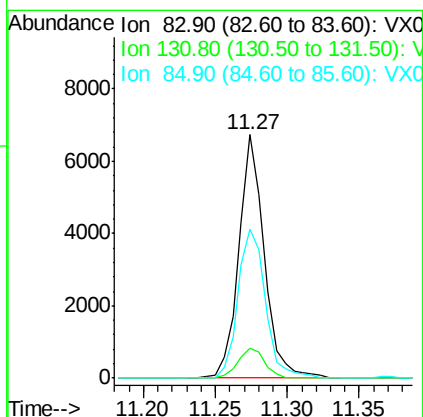
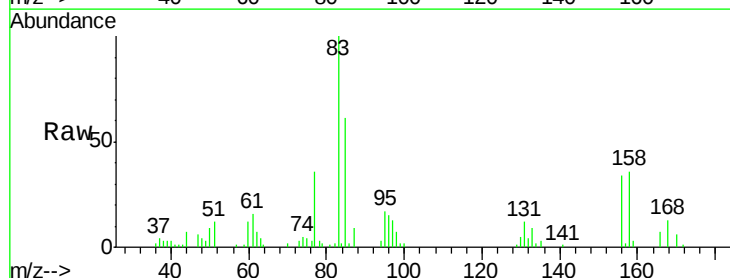
RT: 11.27 min Scan# 1753

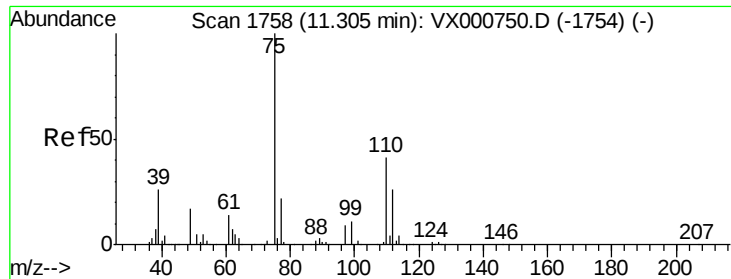
Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

| Tgt Ion | 83    | Resp  | 8262  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 83      | 100   |       |       |
| 131     | 12.6  | 6.0   | 18.0  |
| 85      | 66.4  | 32.3  | 96.8  |





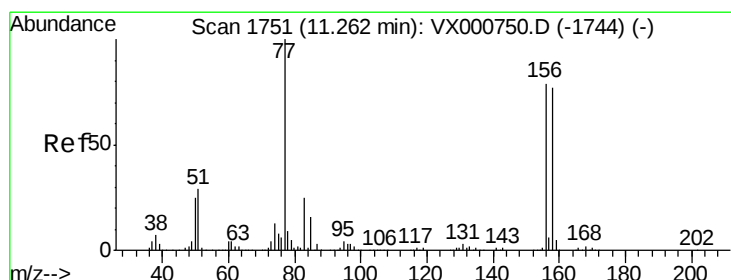
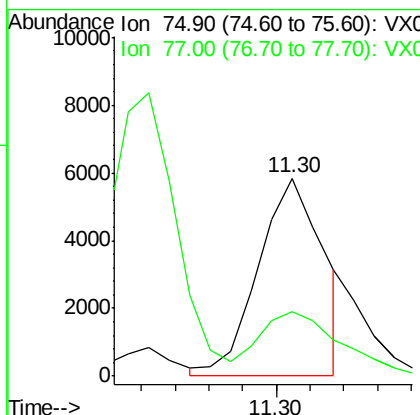
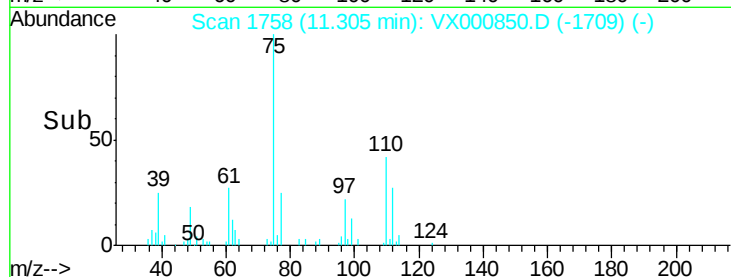
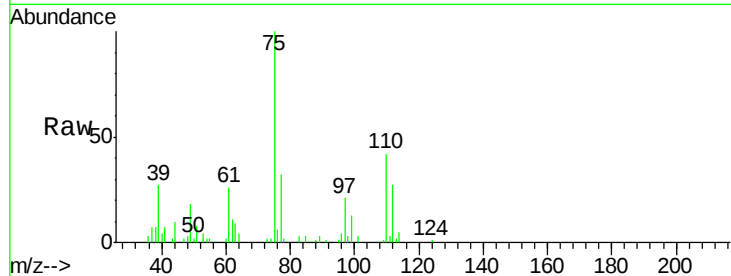
#76  
1,2,3-Trichloropropane  
Concen: 2.22 ug/l m  
RT: 11.30 min Scan# 1758  
Delta R.T. -0.00 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2018

Tot Ion: 75 Resp: 7888  
Ion Ratio Lower Upper  
75 100  
77 40.6 20.5 61.5

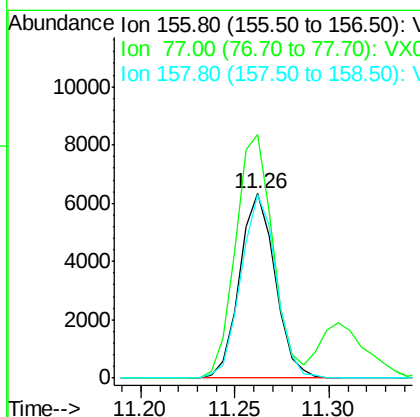
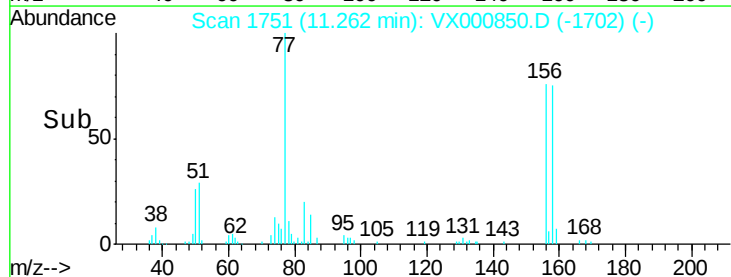
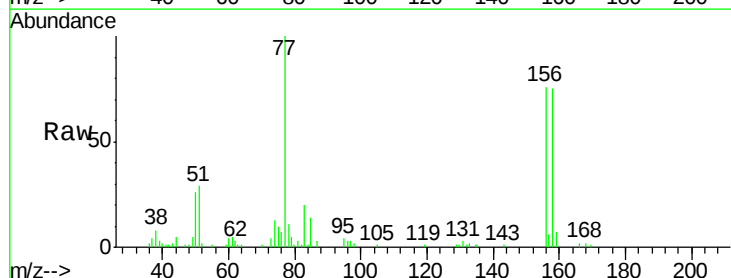
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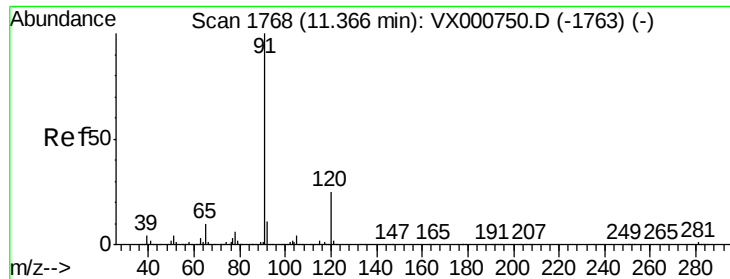
MMDadoda  
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#77  
Bromobenzene  
Concen: 2.16 ug/l  
RT: 11.26 min Scan# 1751  
Delta R.T. -0.00 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

Tgt Ion: 156 Resp: 8284  
Ion Ratio Lower Upper  
156 100  
77 139.1 66.0 198.2  
158 98.8 48.8 146.4





#78

n-propylbenzene

Concen: 2.17 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT2-2018

Tot Ion: 91 Resp: 32499

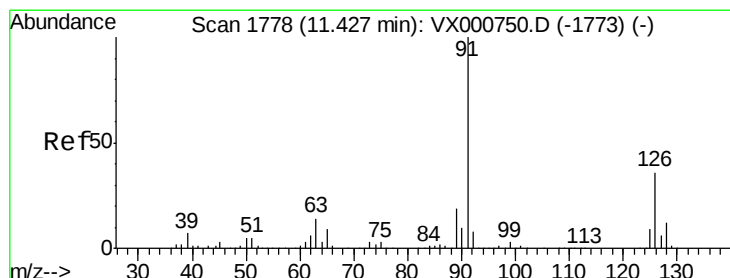
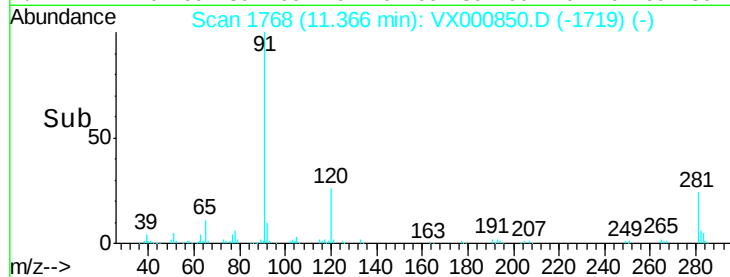
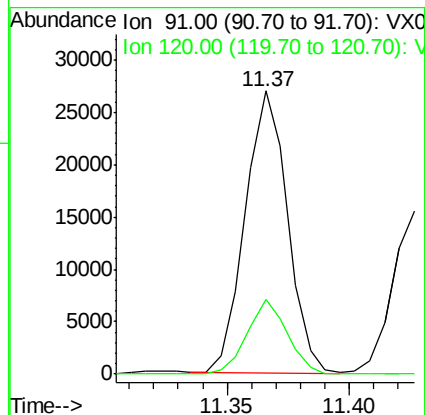
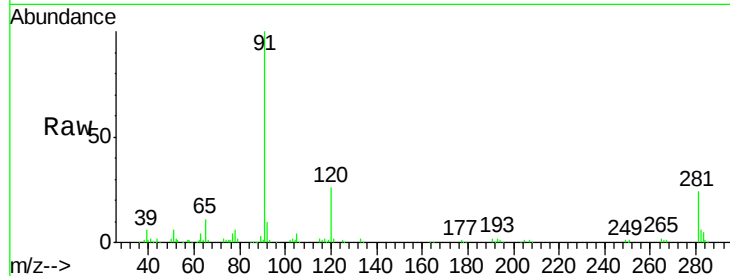
Ion Ratio Lower Upper

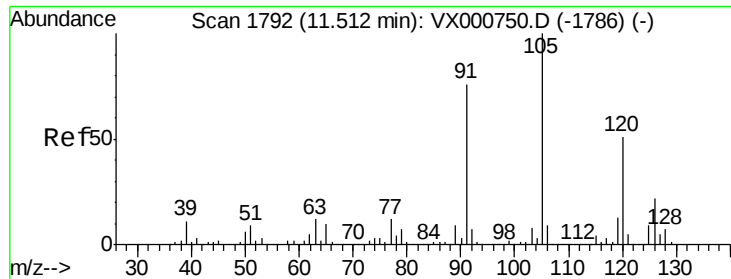
91 100

120 25.0 12.6 37.6

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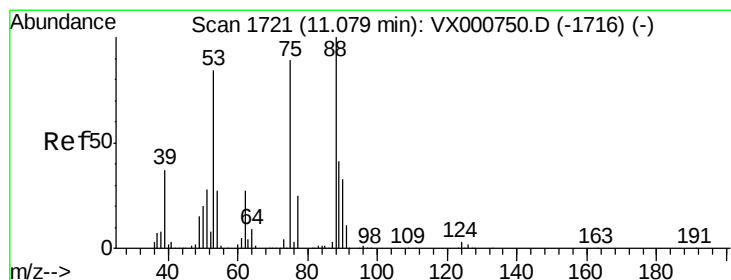
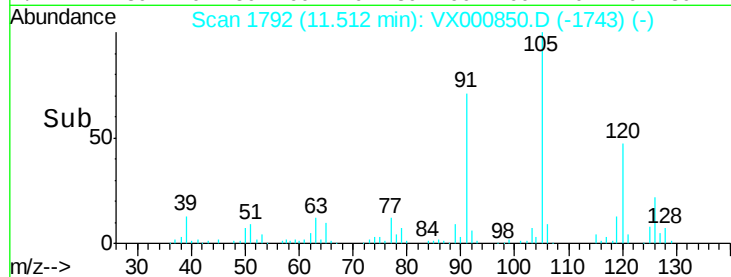
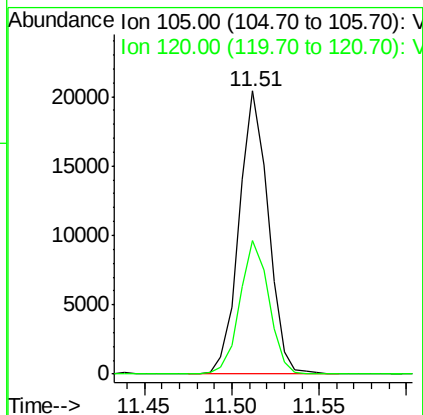
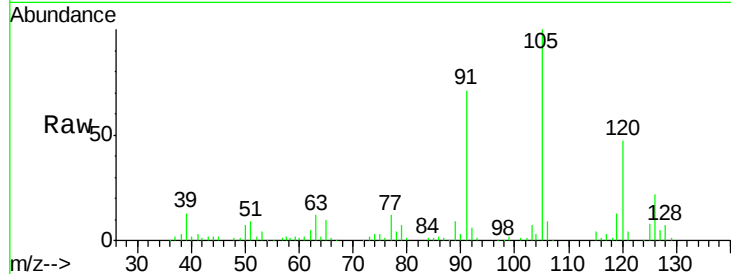
#80  
 1,3,5-Trimethylbenzene  
 Concen: 2.10 ug/l  
 RT: 11.51 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX000850.D  
 Acq: 13 Apr 2018 15:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2018

Tot Ion:105 Resp: 23618  
 Ion Ratio Lower Upper  
 105 100  
 120 47.4 25.0 75.0

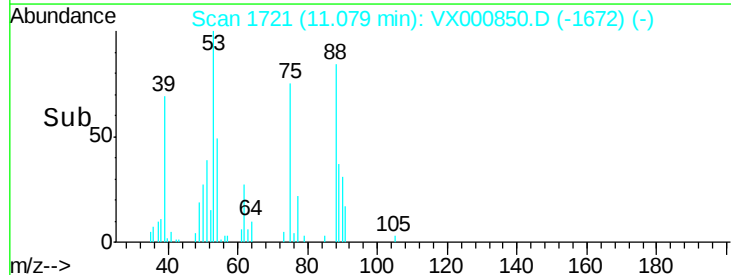
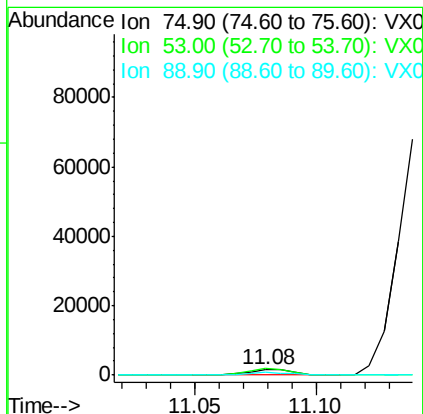
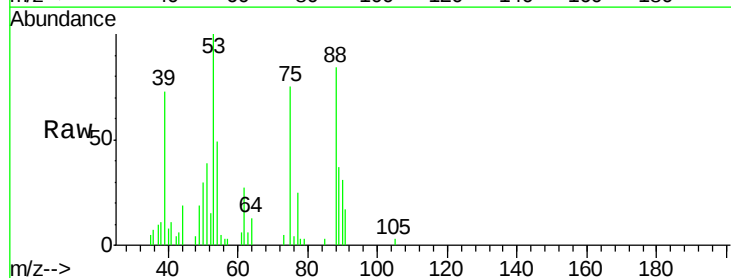
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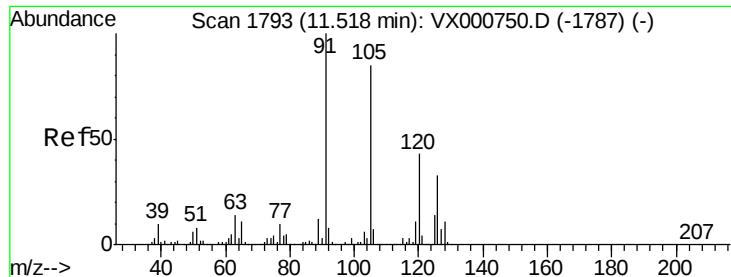
MMDadoda  
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#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 1.51 ug/l m  
 RT: 11.08 min Scan# 1721  
 Delta R.T. -0.00 min  
 Lab File: VX000850.D  
 Acq: 13 Apr 2018 15:33

Tgt Ion: 75 Resp: 1953  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 75.4 113.0#  
 89 0.0 40.9 61.3#





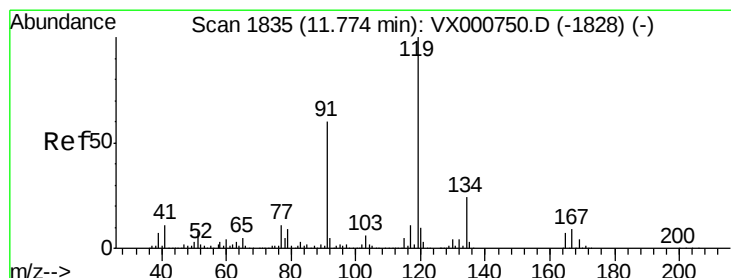
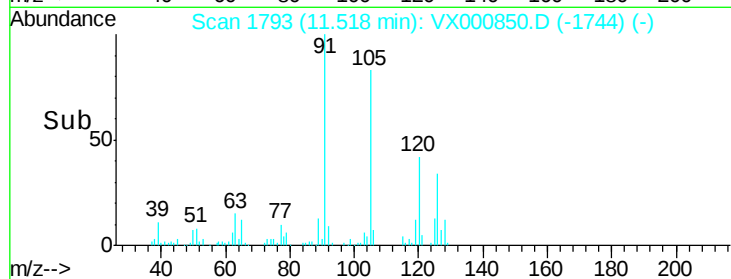
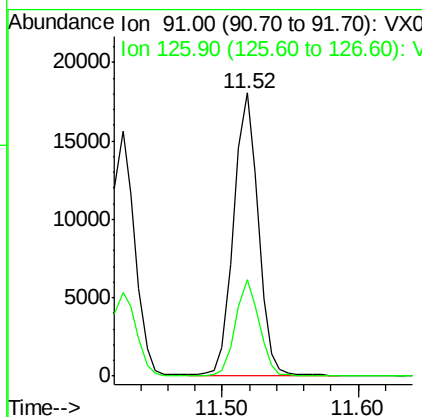
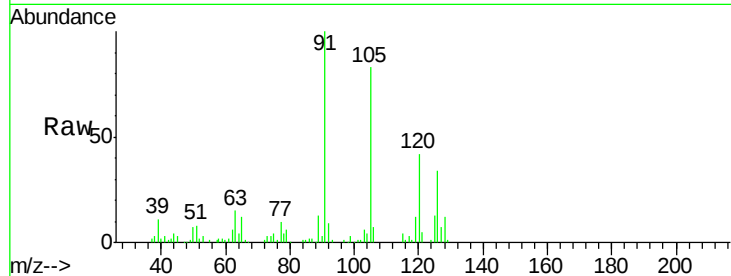
#82  
4-Chlorotoluene  
Concen: 2.15 ug/l  
RT: 11.52 min Scan# 1793  
Delta R.T. -0.00 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.7  | 16.2  | 48.6  |

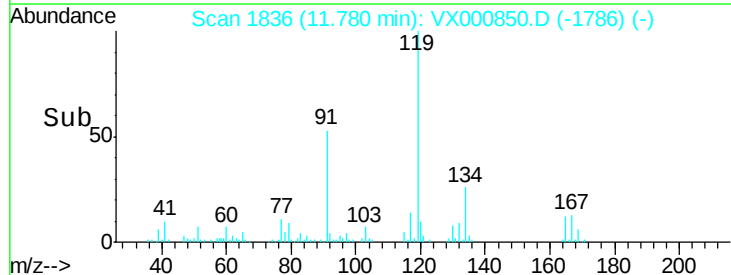
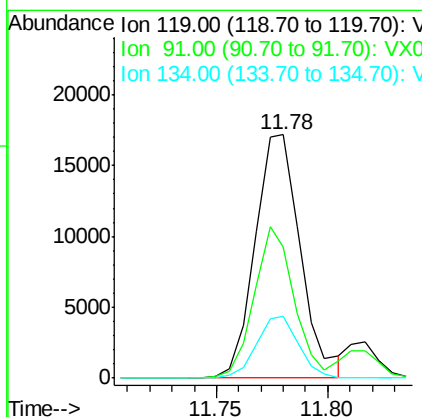
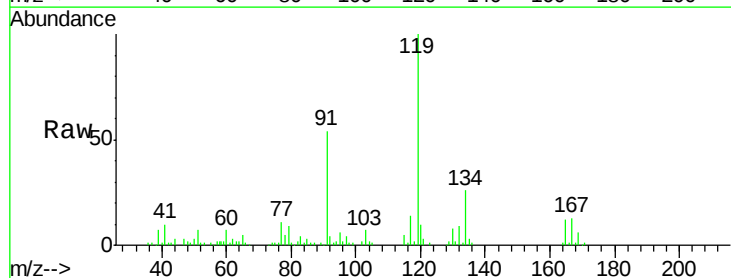
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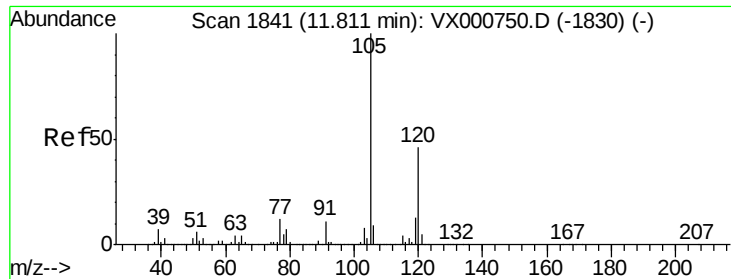
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#83  
tert-Butylbenzene  
Concen: 2.12 ug/l  
RT: 11.78 min Scan# 1836  
Delta R.T. 0.01 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 54.5  | 26.8  | 80.3  |
| 134     | 23.4  | 11.5  | 34.4  |





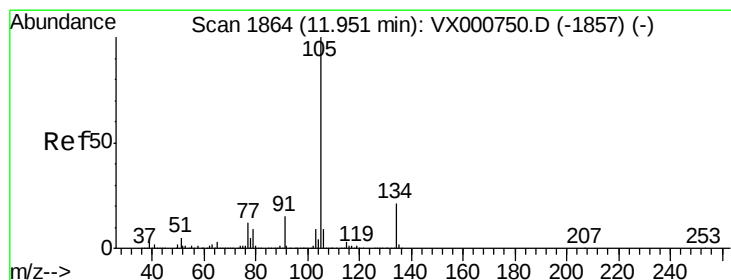
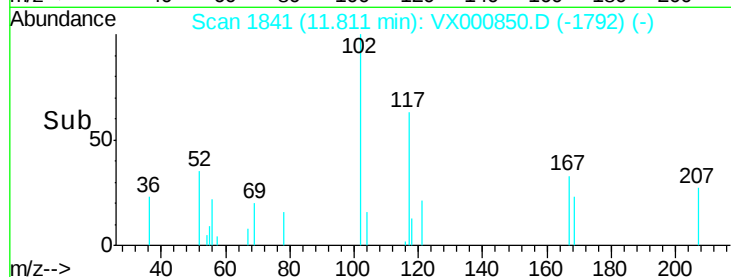
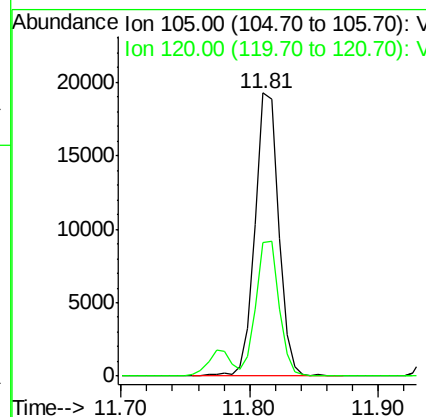
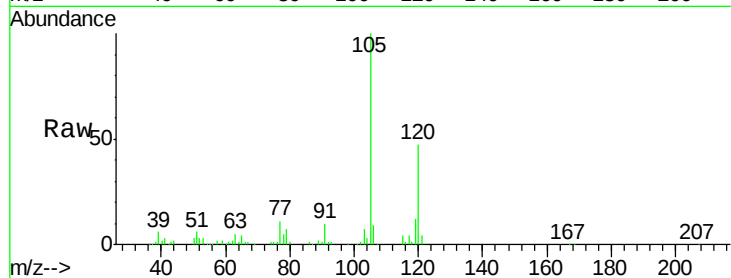
#84  
 1,2,4-Trimethylbenzene  
 Concen: 2.09 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. -0.00 min  
 Lab File: VX000850.D  
 Acq: 13 Apr 2018 15:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.2  | 23.1  | 69.3  |

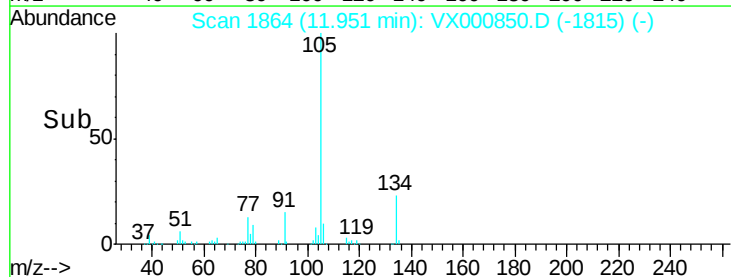
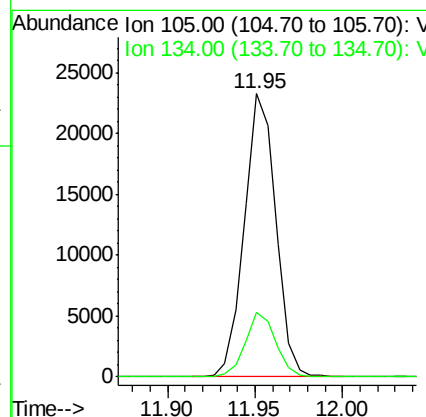
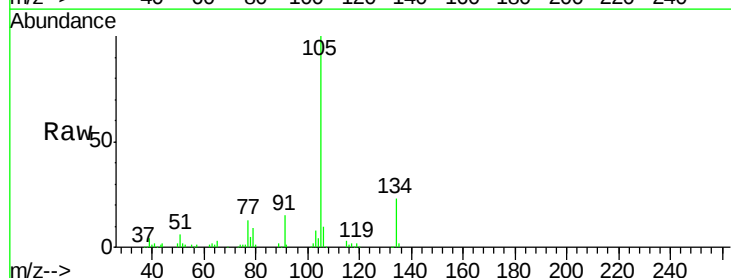
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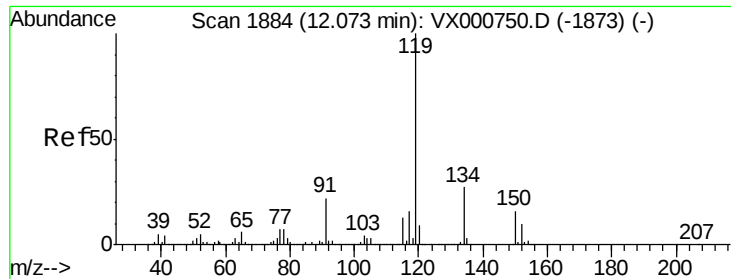
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#85  
 sec-Butylbenzene  
 Concen: 2.14 ug/l  
 RT: 11.95 min Scan# 1864  
 Delta R.T. -0.00 min  
 Lab File: VX000850.D  
 Acq: 13 Apr 2018 15:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 21.8  | 10.8  | 32.4  |





#86

p-Isopropyltoluene

Concen: 2.09 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

Instrument :

MSVOA\_X

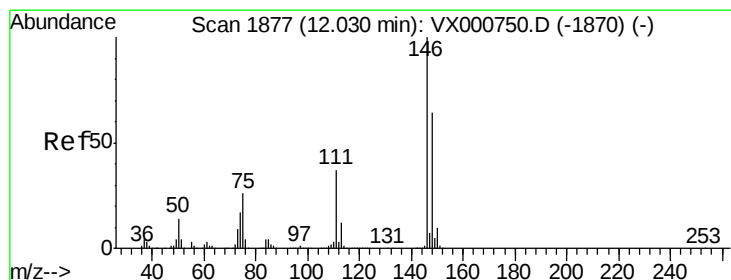
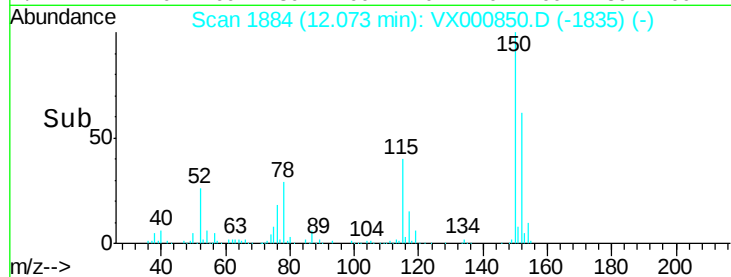
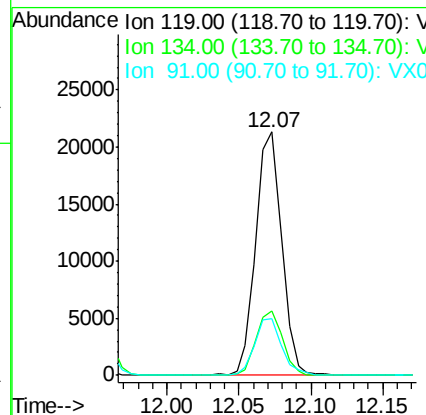
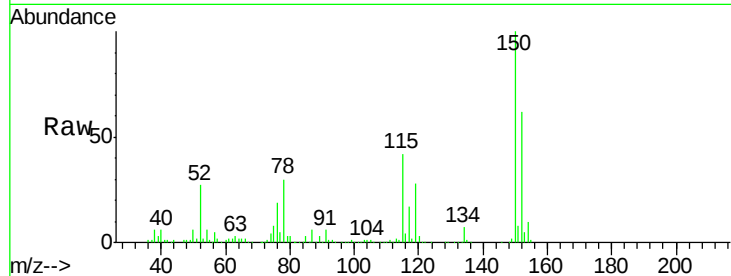
ClientSampleId :

LOQ-WATER-02-QT2-2018

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 119   | Resp: | 26480 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 134       | 26.8  | 13.6  | 40.7  |
| 91        | 24.4  | 11.2  | 33.5  |

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#87

1,3-Dichlorobenzene

Concen: 2.14 ug/l

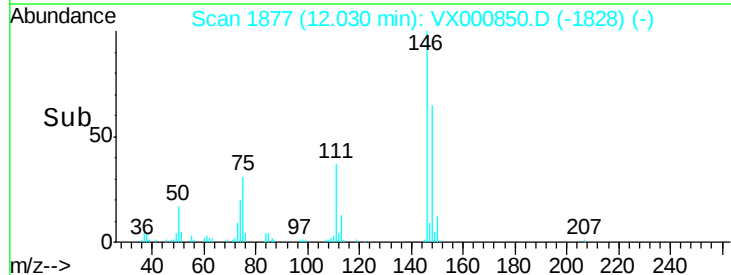
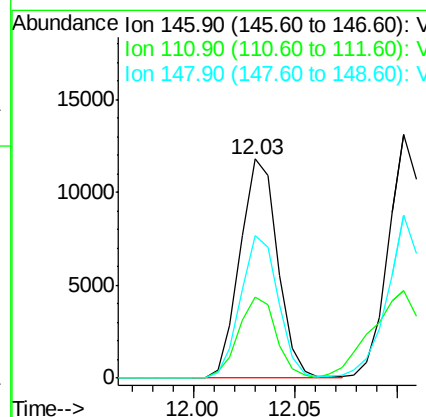
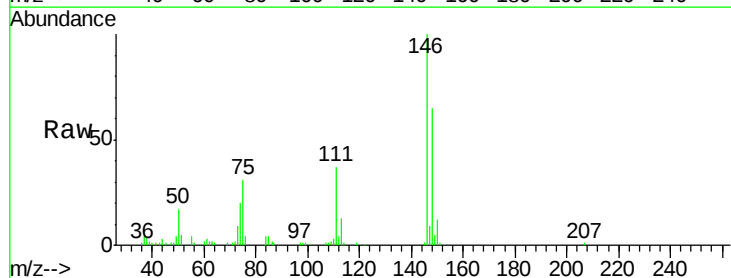
RT: 12.03 min Scan# 1877

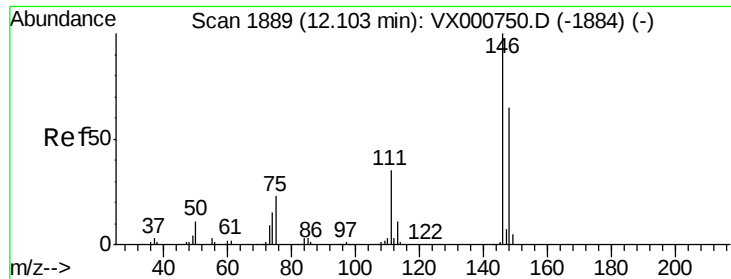
Delta R.T. -0.00 min

Lab File: VX000850.D

Acq: 13 Apr 2018 15:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 15179 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 37.2  | 18.3  | 54.8  |
| 148       | 65.2  | 32.2  | 96.6  |





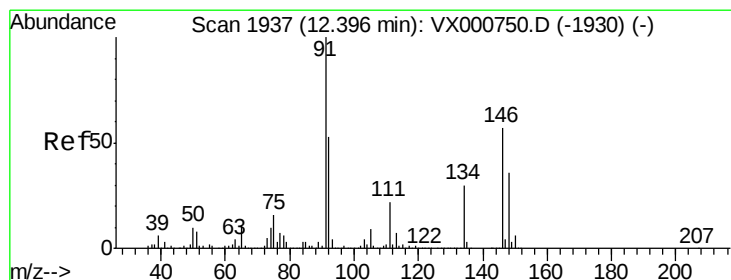
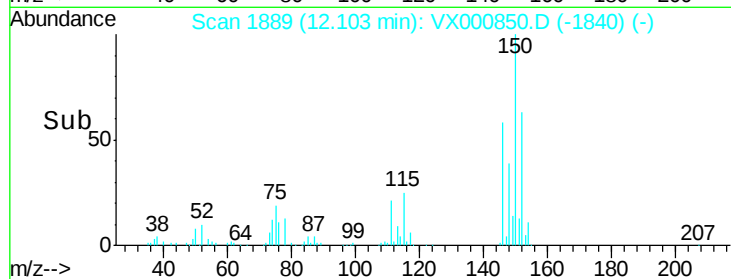
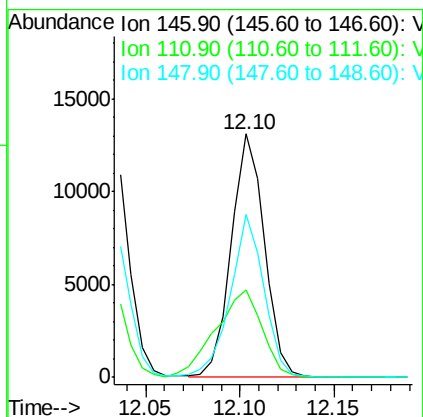
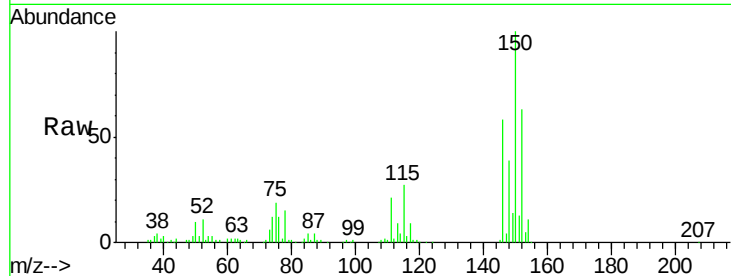
#88  
 1,4-Dichlorobenzene  
 Concen: 2.21 ug/l  
 RT: 12.10 min Scan# 1889  
 Delta R.T. -0.00 min  
 Lab File: VX000850.D  
 Acq: 13 Apr 2018 15:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 50.3  | 17.9  | 53.8  |
| 148     | 68.2  | 32.6  | 97.7  |

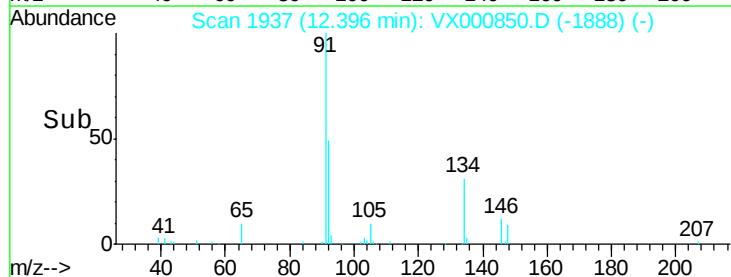
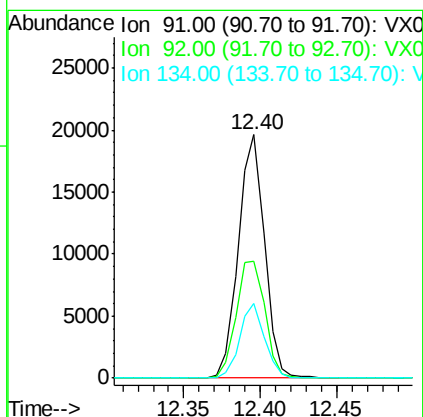
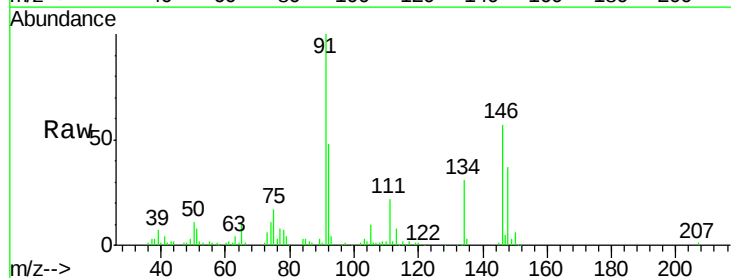
Manual Integrations  
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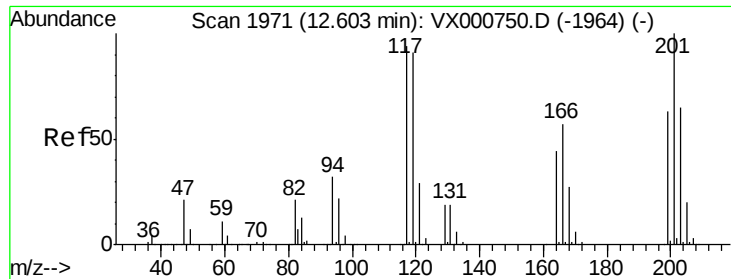
MMDadoda  
 4/16/2018 12:59:58 PM



#89  
 n-Butylbenzene  
 Concen: 2.09 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. -0.00 min  
 Lab File: VX000850.D  
 Acq: 13 Apr 2018 15:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.6  | 26.5  | 79.5  |
| 134     | 29.3  | 14.5  | 43.5  |





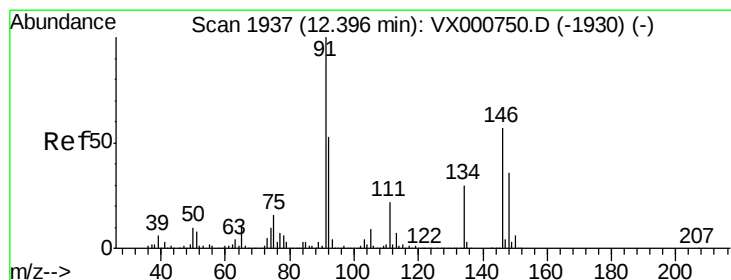
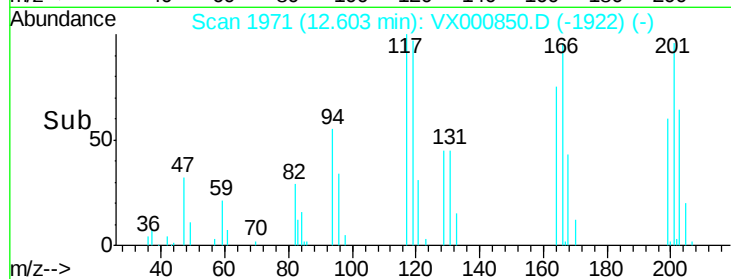
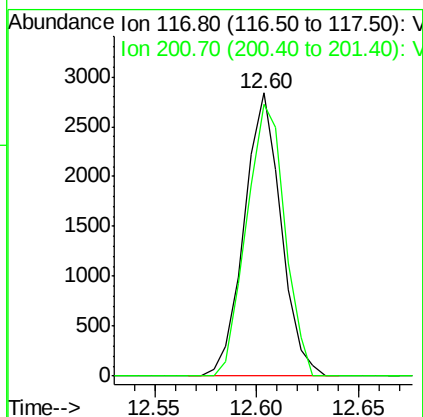
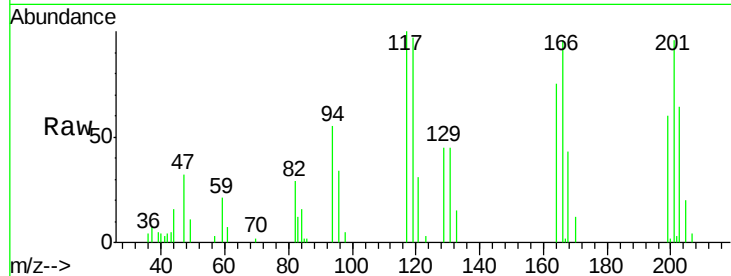
#90  
Hexachloroethane  
Concen: 1.66 ug/l  
RT: 12.60 min Scan# 1971  
Delta R.T. -0.00 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2018

Tot Ion:117 Resp: 3555  
Ion Ratio Lower Upper  
117 100  
201 100.3 52.9 158.7

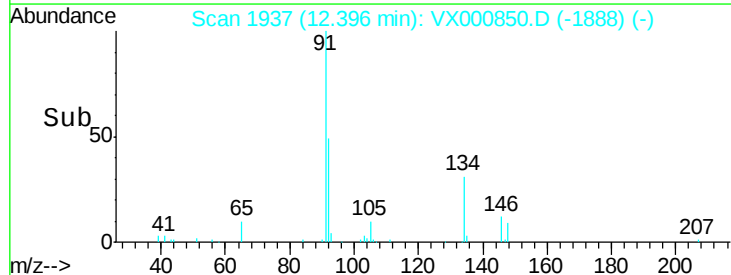
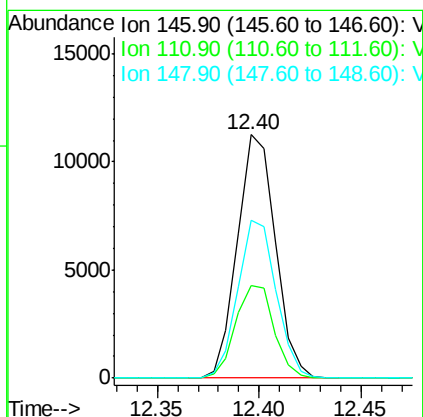
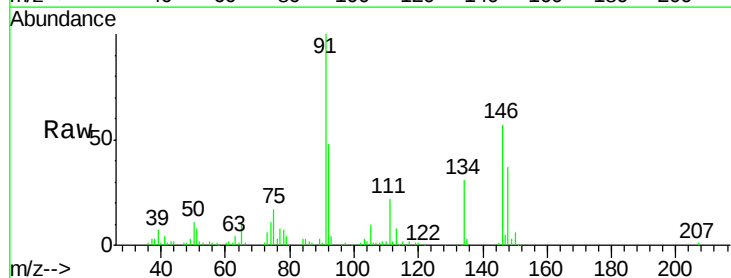
Manual Integrations  
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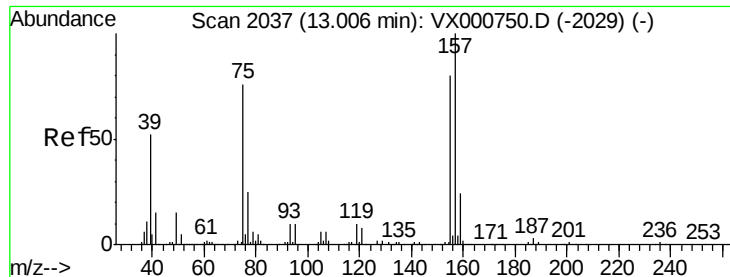
MMDadoda  
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#91  
1,2-Dichlorobenzene  
Concen: 2.13 ug/l  
RT: 12.40 min Scan# 1937  
Delta R.T. -0.00 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

Tgt Ion:146 Resp: 14581  
Ion Ratio Lower Upper  
146 100  
111 38.5 18.9 56.7  
148 65.4 32.0 96.2





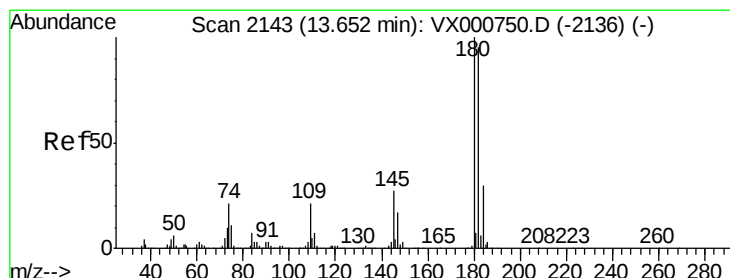
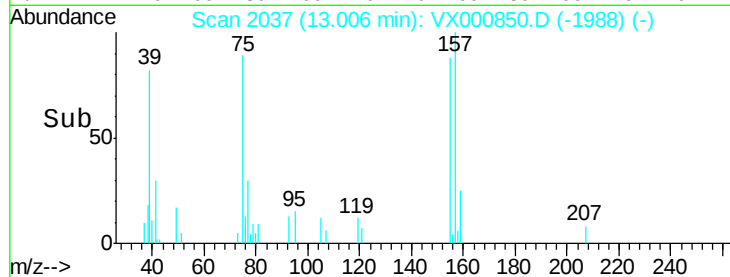
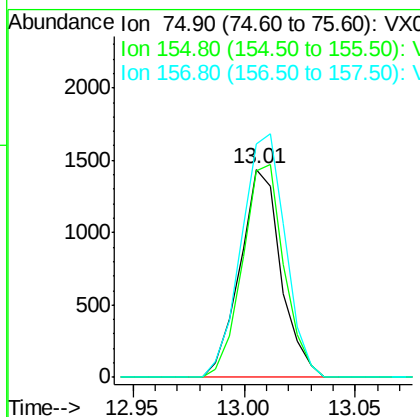
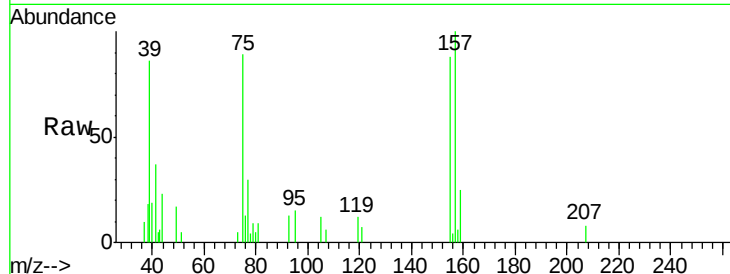
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 1.95 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. -0.00 min  
 Lab File: VX000850.D  
 Acq: 13 Apr 2018 15:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 103.1 | 51.9  | 155.8 |
| 157     | 125.0 | 66.6  | 199.8 |

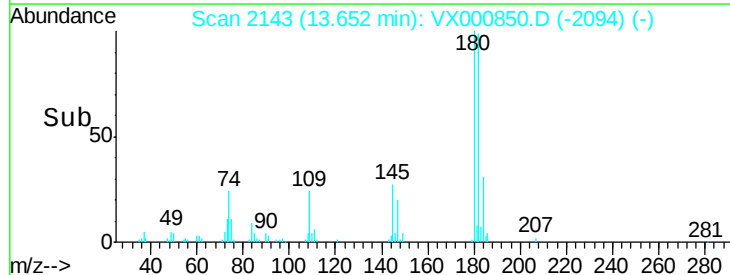
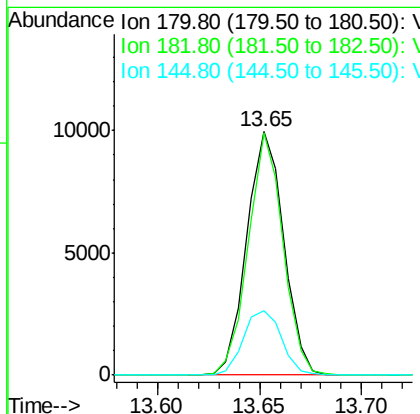
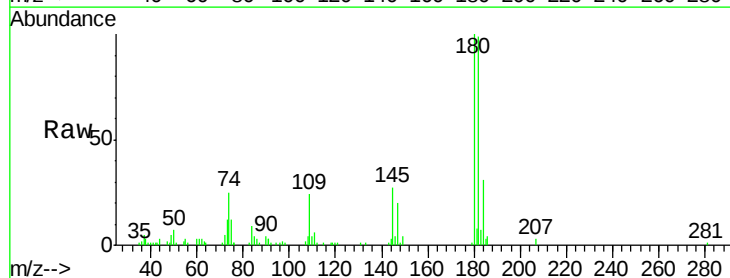
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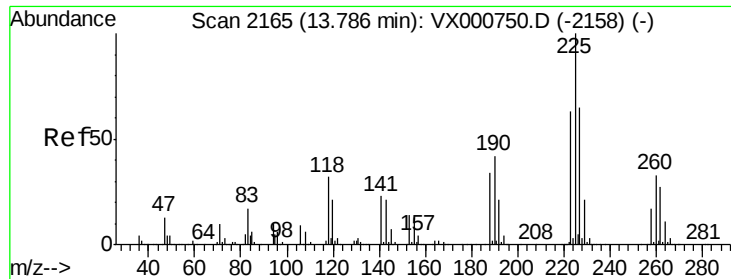
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#93  
 1,2,4-Trichlorobenzene  
 Concen: 2.15 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. -0.00 min  
 Lab File: VX000850.D  
 Acq: 13 Apr 2018 15:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.7  | 47.5  | 142.5 |
| 145     | 27.4  | 13.8  | 41.4  |





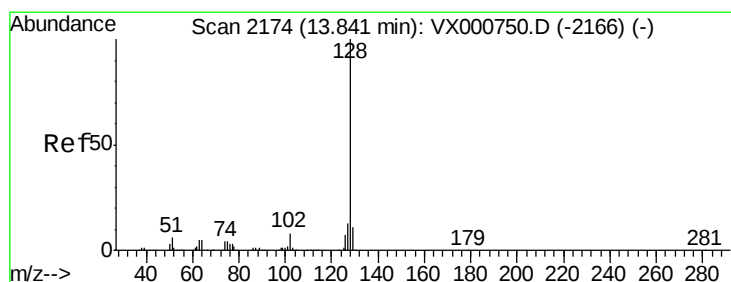
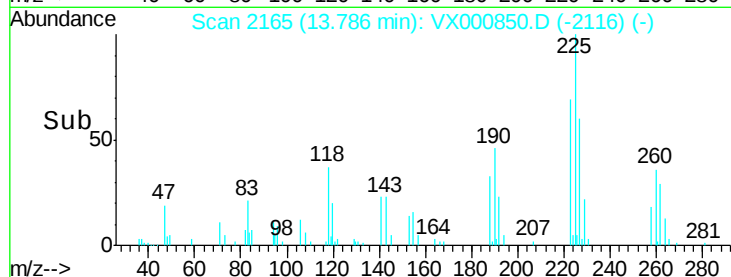
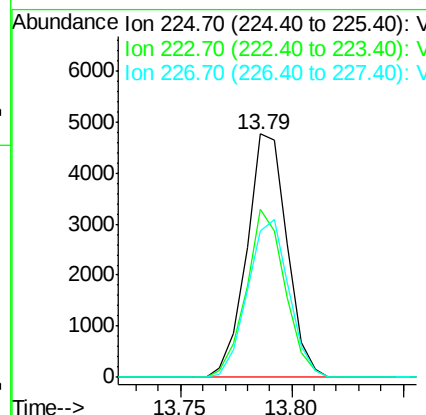
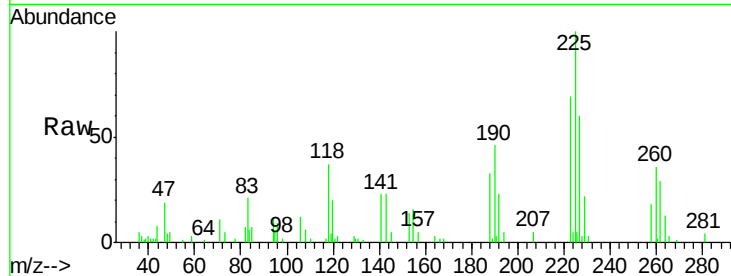
#94  
Hexachlorobutadiene  
Concen: 2.10 ug/l  
RT: 13.79 min Scan# 2165  
Delta R.T. -0.00 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT2-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 66.3  | 31.2  | 93.6  |
| 227     | 66.0  | 32.3  | 96.9  |

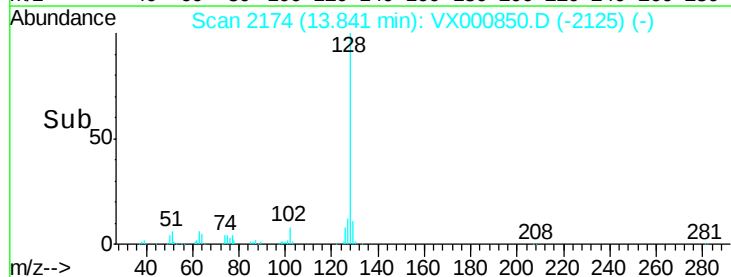
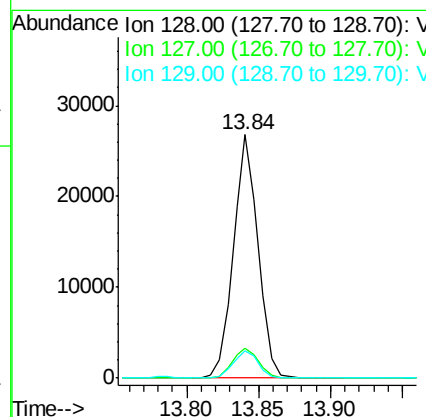
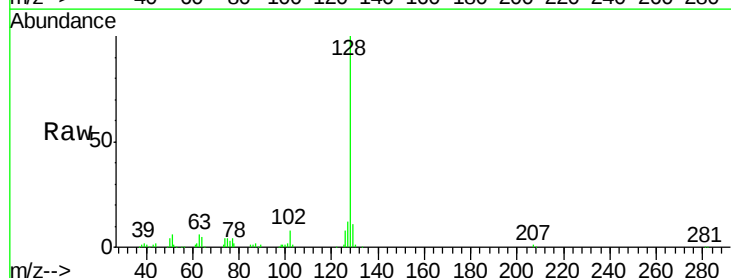
Manual Integrations  
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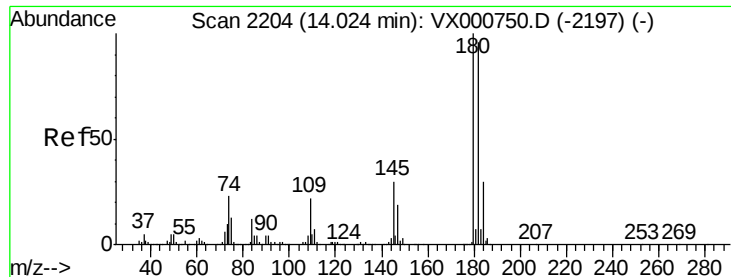
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4/16/2018 12:59:58 PM



#95  
Naphthalene  
Concen: 2.14 ug/l  
RT: 13.84 min Scan# 2174  
Delta R.T. -0.00 min  
Lab File: VX000850.D  
Acq: 13 Apr 2018 15:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.7  | 10.4  | 15.6  |
| 129     | 11.4  | 8.7   | 13.1  |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 2.10 ug/l  
 RT: 14.02 min Scan# 2204  
 Delta R.T. -0.00 min  
 Lab File: VX000850.D  
 Acq: 13 Apr 2018 15:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2018

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.2  | 48.4  | 145.2 |
| 145     | 28.4  | 14.6  | 43.8  |

Manual Integrations  
 APPROVED

MMDadoda  
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