

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\  
 Data File : VX014504.D  
 Acq On : 09 Jan 2020 18:10  
 Operator : JC/SP  
 Sample : L1034-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-14

Quant Time: Jan 10 06:49:45 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010720W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 07 15:54:41 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 522858   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 802806   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 724419   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 336816   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.05   | 65  | 285493   | 48.91 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.82% |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 239854   | 49.36 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.72% |      |
| 50) Toluene-d8            | 8.71   | 98  | 937094   | 49.69 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.38% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 324710   | 46.90 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.80% |      |

## Target Compounds

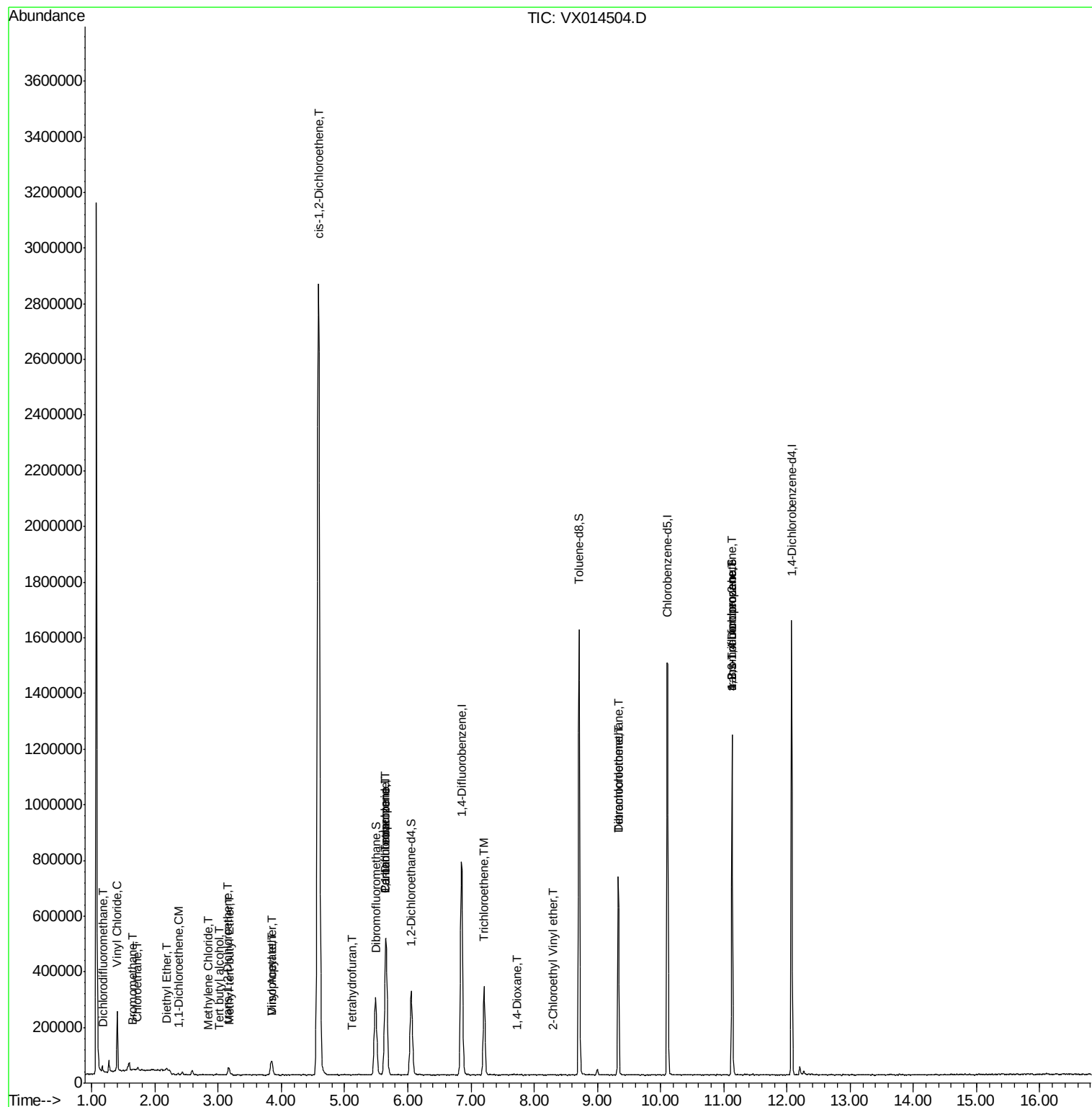
|                                |       |     |         |           |        | Qvalue |
|--------------------------------|-------|-----|---------|-----------|--------|--------|
| 2) Dichlorodifluoromethane     | 1.19  | 85  | 450     | 0.321     | ug/l   | 93     |
| 4) Vinyl Chloride              | 1.40  | 62  | 133807  | 18.017    | ug/l   | 99     |
| 5) Bromomethane                | 1.64  | 94  | 1311    | 0.266     | ug/l # | 71     |
| 6) Chloroethane                | 1.72  | 64  | 6427    | 0.308     | ug/l   | 91     |
| 8) Diethyl Ether               | 2.18  | 74  | 4387    | 1.141     | ug/l   | 76     |
| 11) Tert butyl alcohol         | 3.01  | 59  | 649     | 0.533     | ug/l # | 36     |
| 12) 1,1-Dichloroethene         | 2.37  | 96  | 2899    | 0.561     | ug/l   | 96     |
| 16) Acetone                    | 2.43  | 43  | 12121   | Below Cal |        | 92     |
| 19) Methyl tert-butyl Ether    | 3.19  | 73  | 11638   | 0.702     | ug/l # | 89     |
| 20) Methylene Chloride         | 2.84  | 84  | 1534    | 0.261     | ug/l # | 41     |
| 21) trans-1,2-Dichloroethene   | 3.15  | 96  | 10607   | 1.881     | ug/l # | 84     |
| 22) Diisopropyl ether          | 3.84  | 45  | 62628   | 3.574     | ug/l # | 83     |
| 23) Vinyl Acetate              | 3.84  | 43  | 29996   | 2.211     | ug/l # | 72     |
| 27) cis-1,2-Dichloroethene     | 4.59  | 96  | 1814659 | 287.937   | ug/l   | 89     |
| 29) Tetrahydrofuran            | 5.11  | 42  | 1117    | 0.433     | ug/l # | 55     |
| 36) 1,1-Dichloropropene        | 5.65  | 75  | 34205   | 4.531     | ug/l # | 52     |
| 38) Carbon Tetrachloride       | 5.65  | 117 | 45789   | 6.591     | ug/l # | 17     |
| 44) Trichloroethene            | 7.21  | 130 | 130527  | 20.270    | ug/l   | 97     |
| 49) 1,4-Dioxane                | 7.73  | 88  | 134     | 0.997     | ug/l # | 1      |
| 58) 2-Chloroethyl Vinyl ether  | 8.30  | 63  | 704     | 0.234     | ug/l # | 55     |
| 60) Dibromochloromethane       | 9.33  | 129 | 129328  | 22.333    | ug/l # | 11     |
| 64) Tetrachloroethene          | 9.33  | 164 | 146072  | 20.119    | ug/l   | 96     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75  | 159806  | 22.932    | ug/l # | 34     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75  | 159806  | 60.627    | ug/l # | 12     |
| 88) 1,4-Dichlorobenzene        | 12.02 | 146 | 870     | Below Cal |        | 83     |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180 | 872     | Below Cal |        | 79     |
| 96) 1,2,3-Trichlorobenzene     | 14.02 | 180 | 560     | Below Cal |        | 96     |

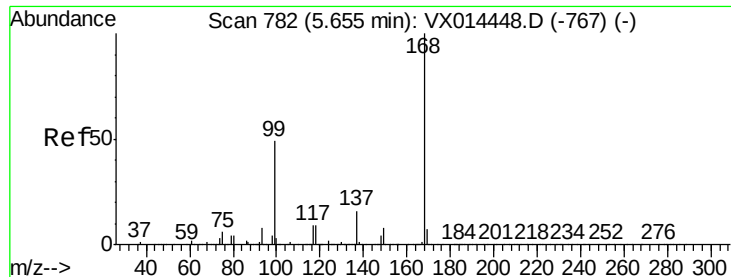
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010920\  
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Quant Time: Jan 10 06:49:45 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X010720W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 07 15:54:41 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

Instrument :

MSVOA\_X

ClientSampled :

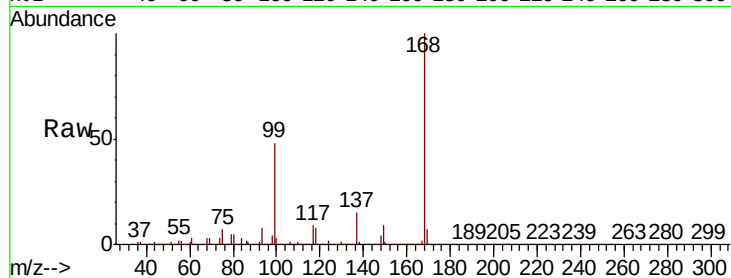
MW-14

Tot Ion:168 Resp: 522858

Ion Ratio Lower Upper

168 100

99 47.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

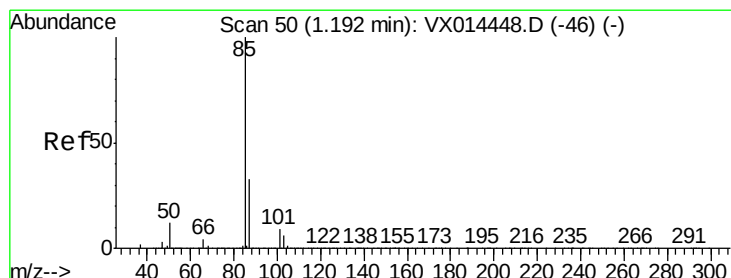
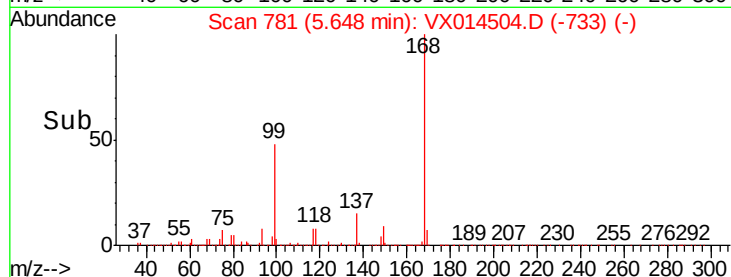
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.321 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX014504.D

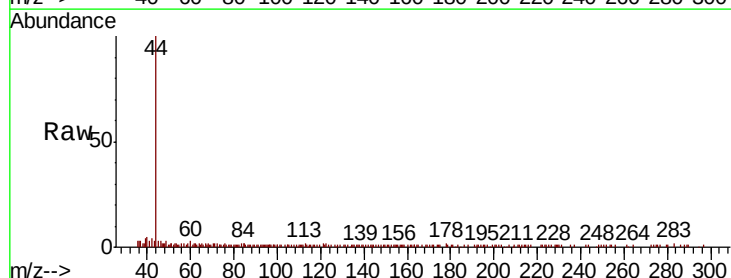
Acq: 09 Jan 2020 18:10

Tgt Ion: 85 Resp: 450

Ion Ratio Lower Upper

85 100

87 37.1 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400

300

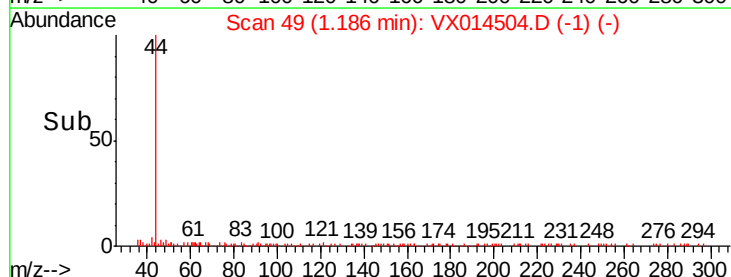
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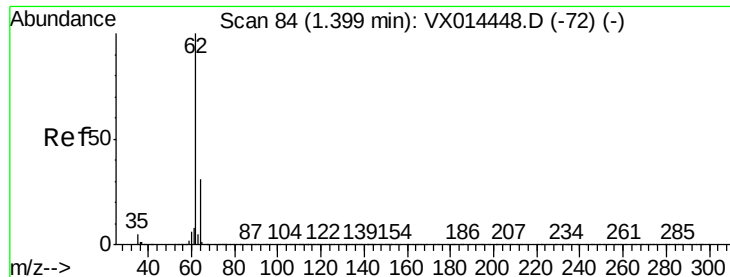
100

0

Time-->

1.16 1.18 1.20





#4

Vinyl Chloride

Concen: 18.017 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

Instrument :

MSVOA\_X

ClientSampleId :

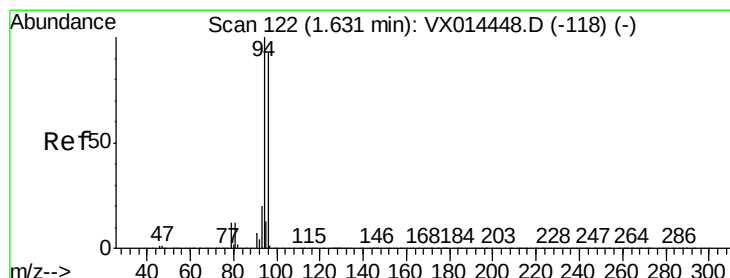
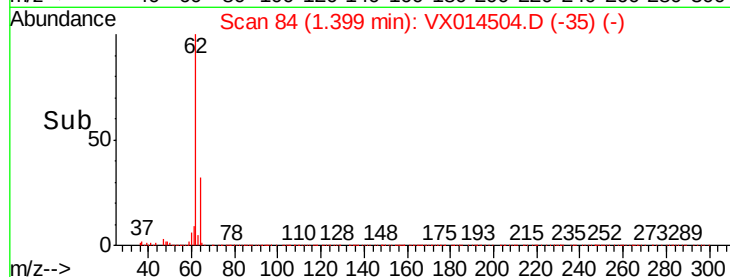
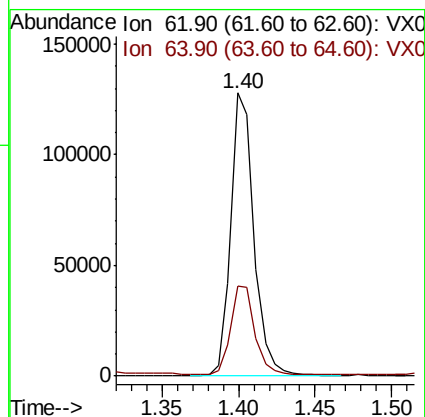
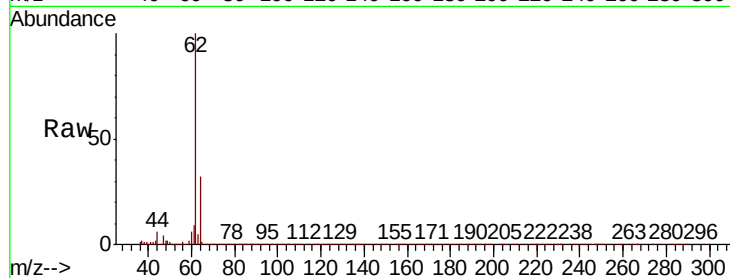
MW-14

Tot Ion: 62 Resp: 133807

Ion Ratio Lower Upper

62 100

64 31.5 24.6 37.0



#5

Bromomethane

Concen: 0.266 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014504.D

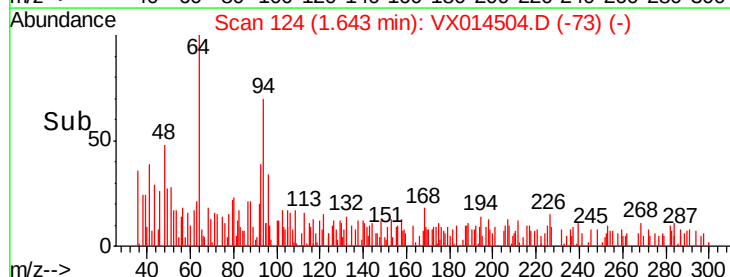
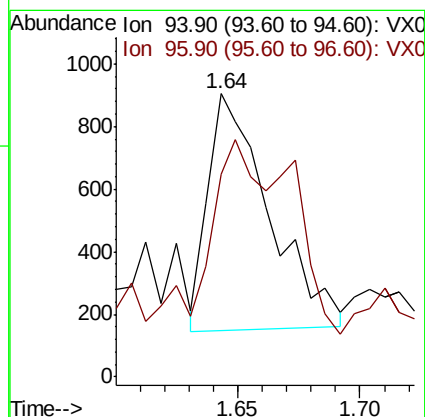
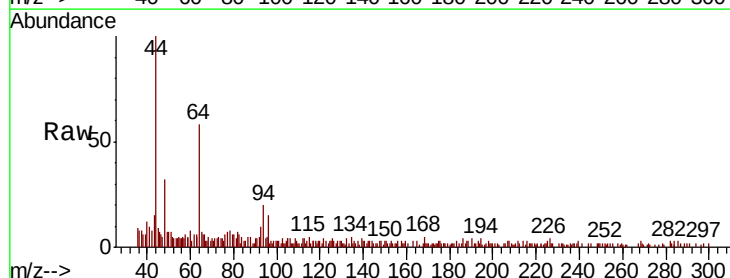
Acq: 09 Jan 2020 18:10

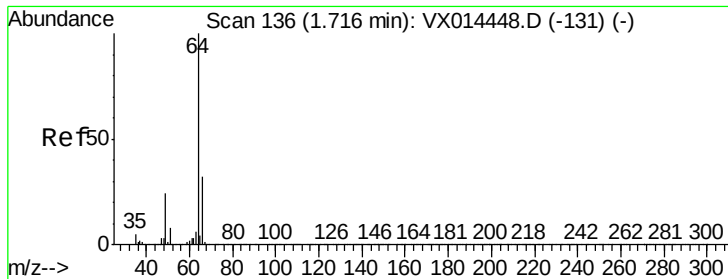
Tgt Ion: 94 Resp: 1311

Ion Ratio Lower Upper

94 100

96 65.0 74.2 111.2#





#6

Chloroethane

Concen: 0.308 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

Instrument :

MSVOA\_X

ClientSampleId :

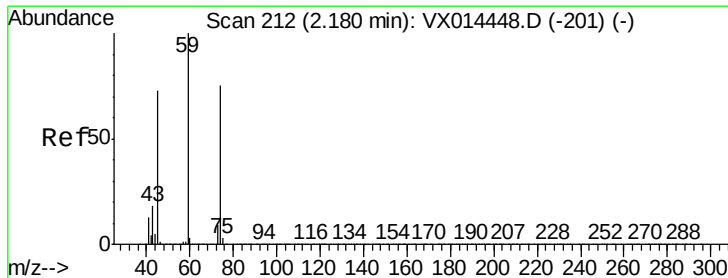
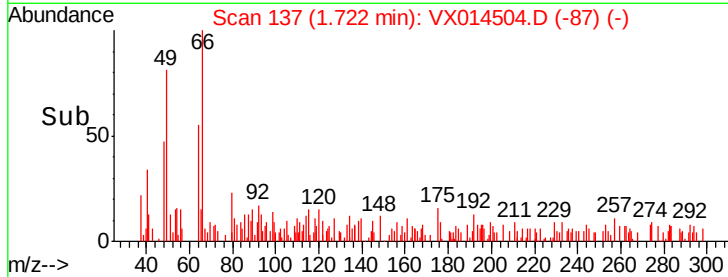
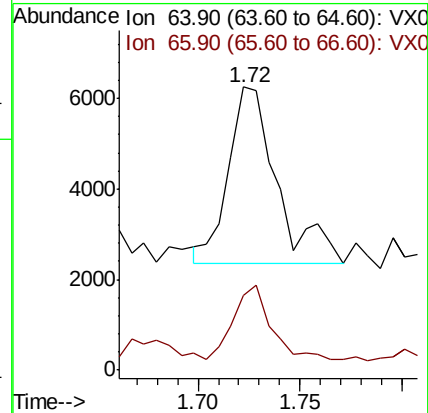
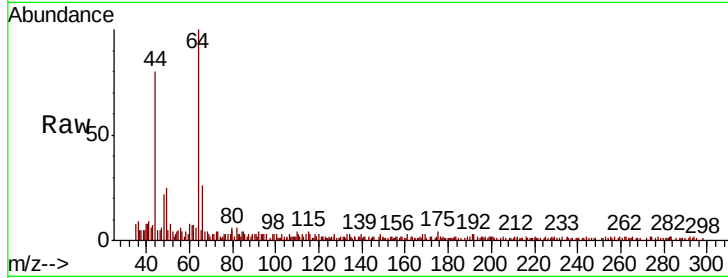
MW-14

Tot Ion: 64 Resp: 6427

Ion Ratio Lower Upper

64 100

66 36.7 25.3 37.9



#8

Diethyl Ether

Concen: 1.141 ug/l

RT: 2.18 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX014504.D

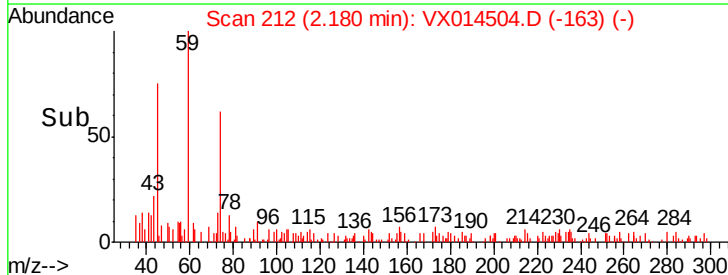
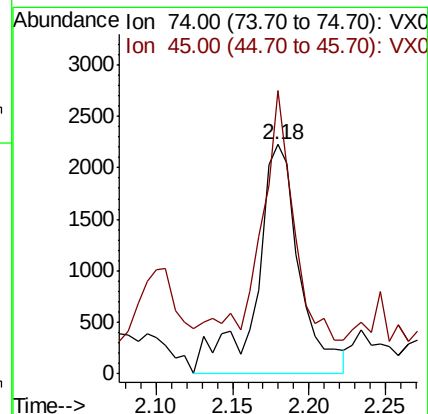
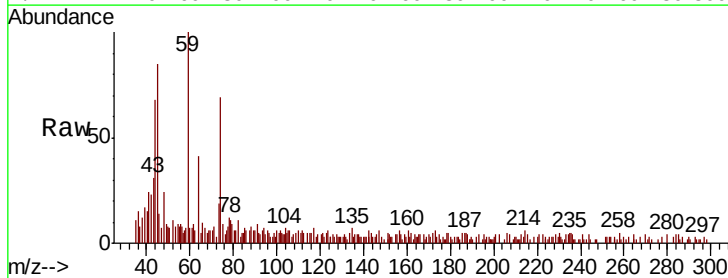
Acq: 09 Jan 2020 18:10

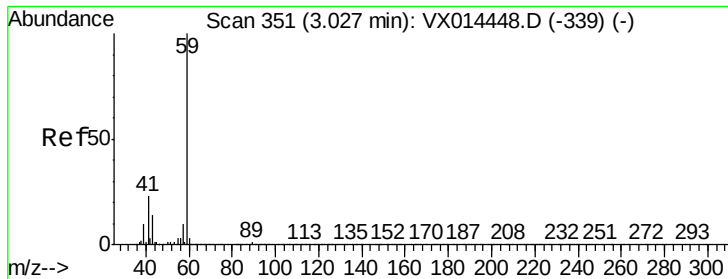
Tgt Ion: 74 Resp: 4387

Ion Ratio Lower Upper

74 100

45 74.1 48.7 146.1

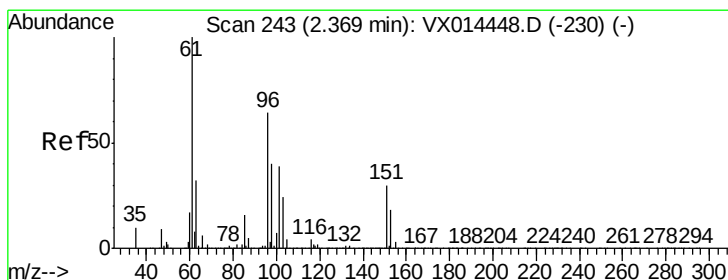
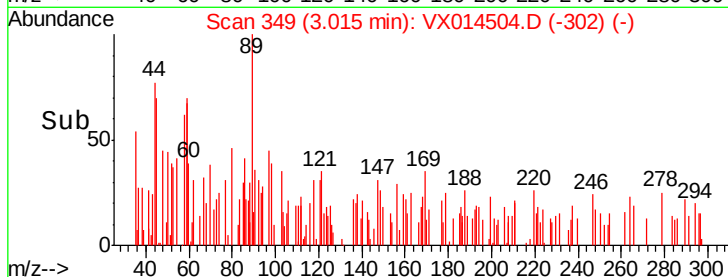
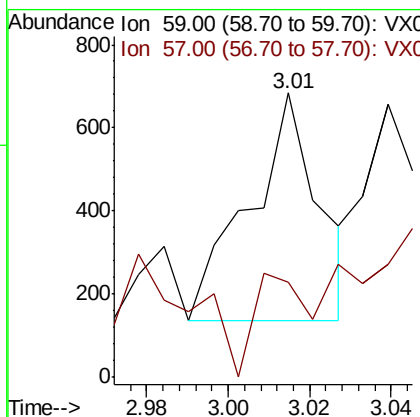
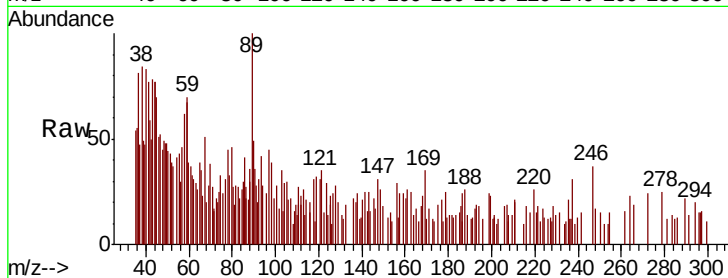




#11  
Tert butyl alcohol  
Concen: 0.533 ug/l  
RT: 3.01 min Scan# 349  
Delta R.T. -0.01 min  
Lab File: VX014504.D  
Acq: 09 Jan 2020 18:10

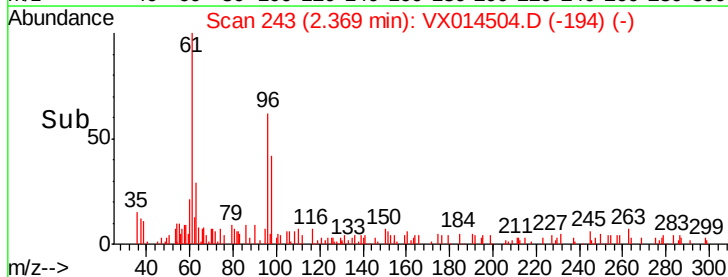
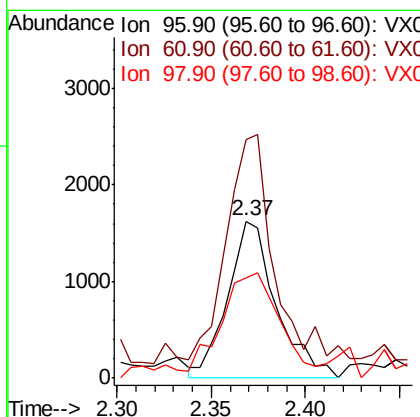
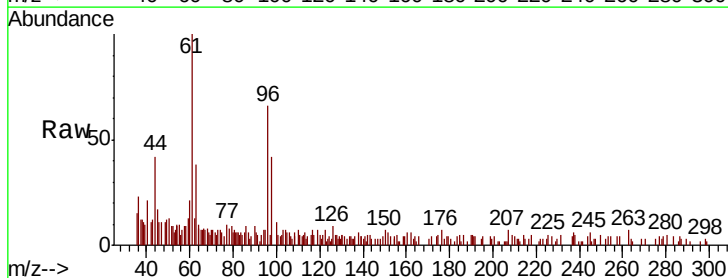
Instrument :  
MSVOA\_X  
ClientSampled :  
MW-14

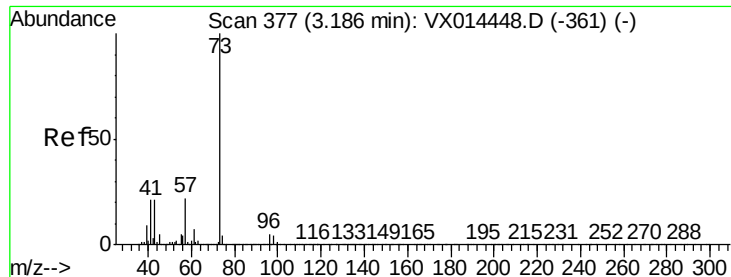
Tot Ion: 59 Resp: 649  
Ion Ratio Lower Upper  
59 100  
57 34.7 8.5 12.7#



#12  
1,1-Dichloroethene  
Concen: 0.561 ug/l  
RT: 2.37 min Scan# 243  
Delta R.T. -0.00 min  
Lab File: VX014504.D  
Acq: 09 Jan 2020 18:10

Tgt Ion: 96 Resp: 2899  
Ion Ratio Lower Upper  
96 100  
61 150.8 125.0 187.6  
98 64.3 50.2 75.2

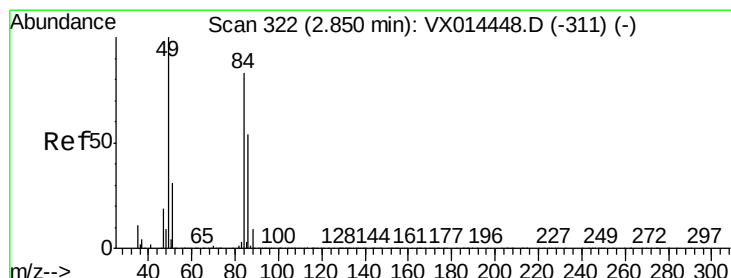
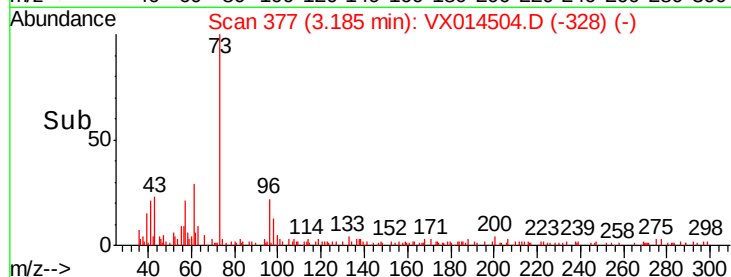
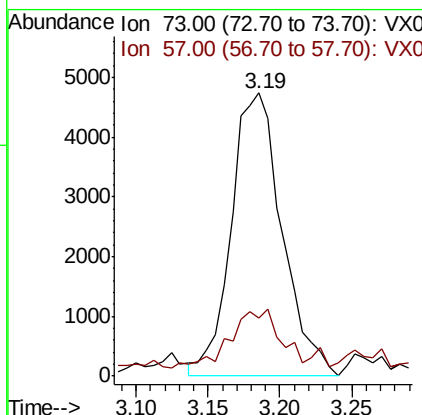
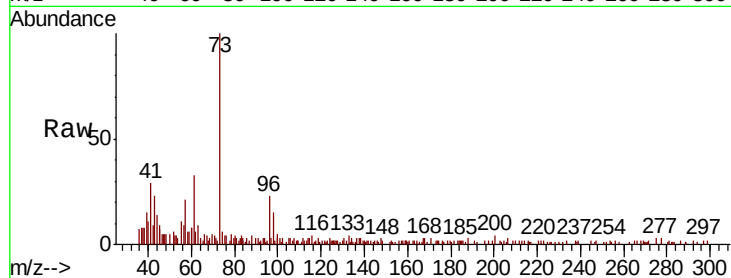




#19  
Methyl tert-butyl Ether  
Concen: 0.702 ug/l  
RT: 3.19 min Scan# 377  
Delta R.T. -0.00 min  
Lab File: VX014504.D  
Acq: 09 Jan 2020 18:10

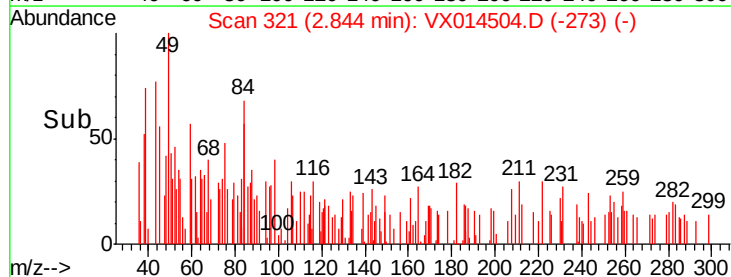
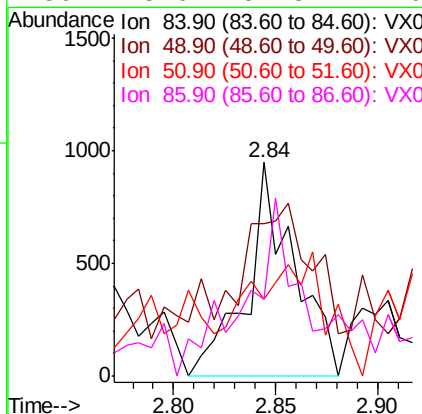
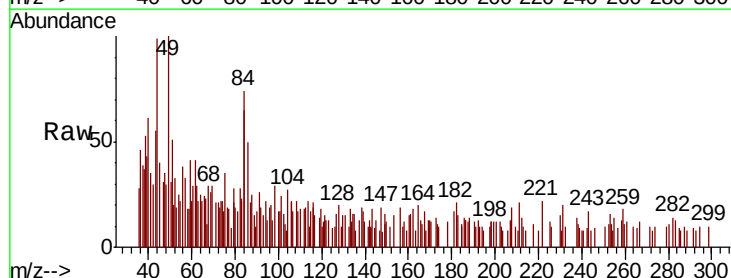
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MSVOA\_X  
ClientSampled :  
MW-14

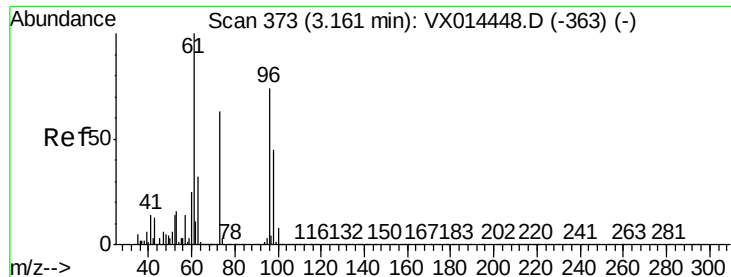
Tot Ion: 73 Resp: 11638  
Ion Ratio Lower Upper  
73 100  
57 17.2 17.8 26.8#



#20  
Methylene Chloride  
Concen: 0.261 ug/l  
RT: 2.84 min Scan# 321  
Delta R.T. -0.01 min  
Lab File: VX014504.D  
Acq: 09 Jan 2020 18:10

Tgt Ion: 84 Resp: 1534  
Ion Ratio Lower Upper  
84 100  
49 61.3 95.8 143.8#  
51 3.5 30.2 45.4#  
86 8.6 51.8 77.6#





#21

trans-1,2-Dichloroethene

Concen: 1.881 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

Instrument :

MSVOA\_X

ClientSampled :

MW-14

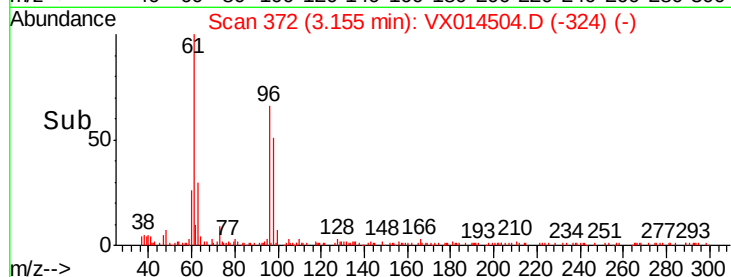
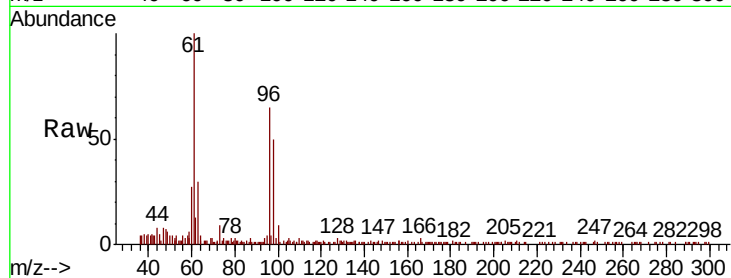
Tot Ion: 96 Resp: 10607

Ion Ratio Lower Upper

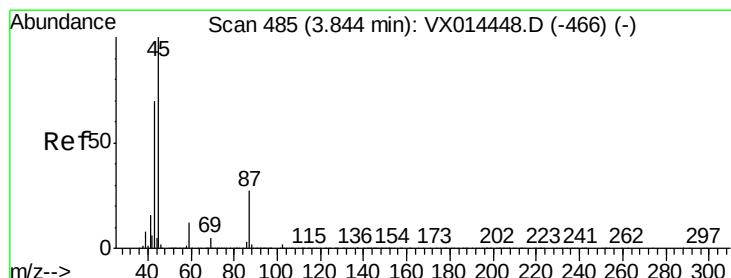
96 100

61 152.5 108.2 162.4

98 75.5 48.8 73.2#



Time-->



#22

Diisopropyl ether

Concen: 3.574 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

Tgt Ion: 45 Resp: 62628

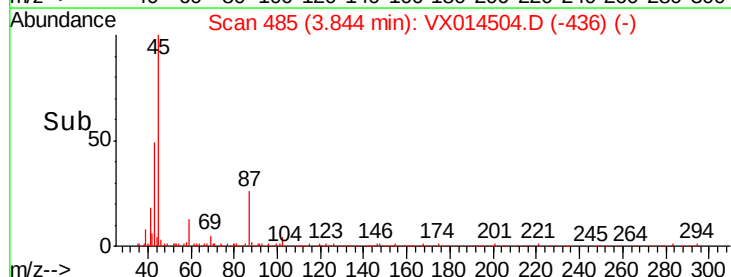
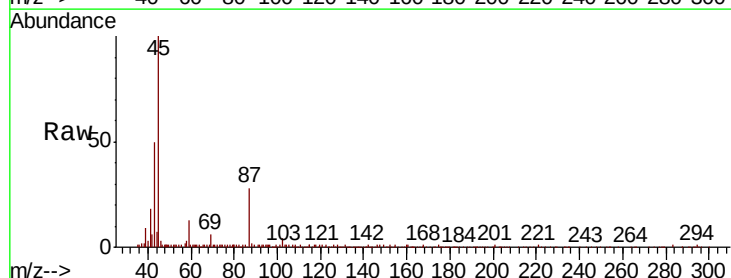
Ion Ratio Lower Upper

45 100

43 48.6 55.8 83.6#

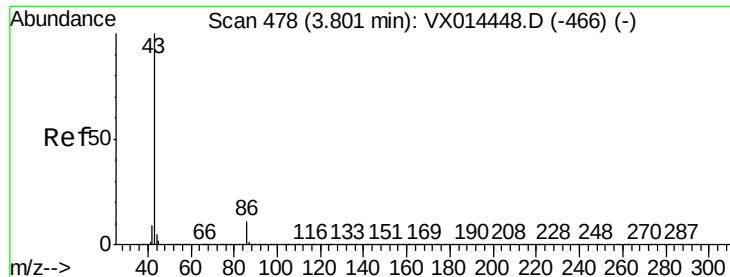
87 27.0 21.8 32.8

59 12.1 9.1 13.7



Time-->





#23

Vinyl Acetate

Concen: 2.211 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.04 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

Instrument :

MSVOA\_X

ClientSampleId :

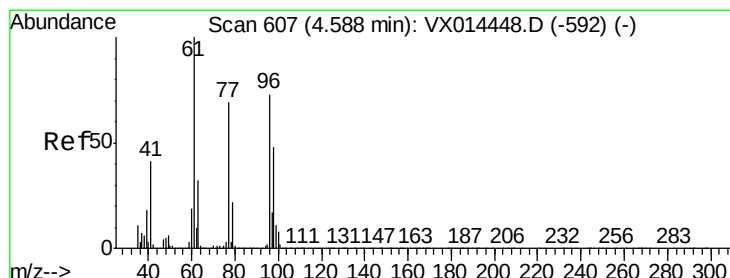
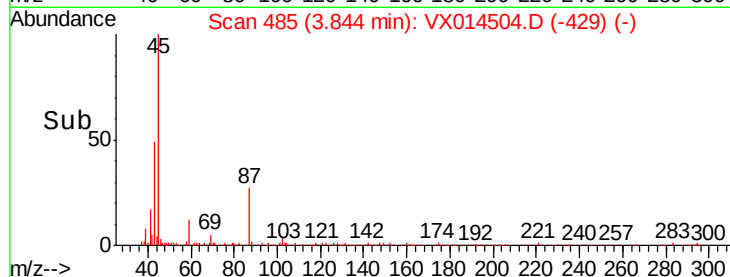
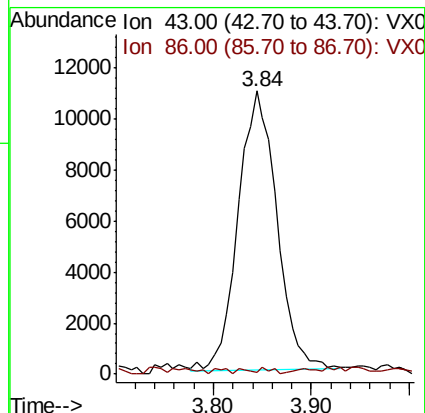
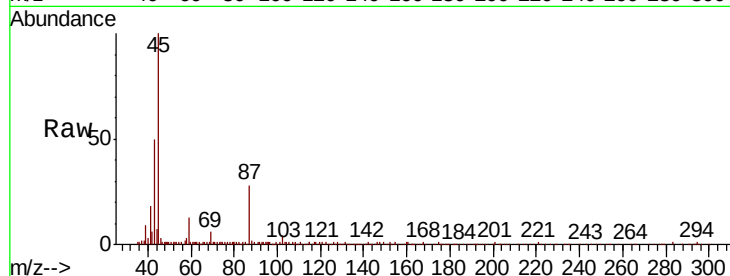
MW-14

Tot Ion: 43 Resp: 29996

Ion Ratio Lower Upper

43 100

86 0.0 8.4 12.6#



#27

cis-1,2-Dichloroethene

Concen: 287.937 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

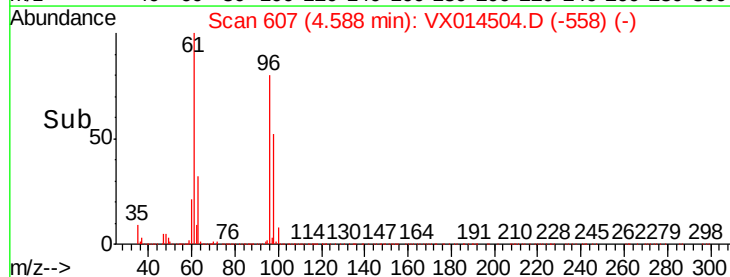
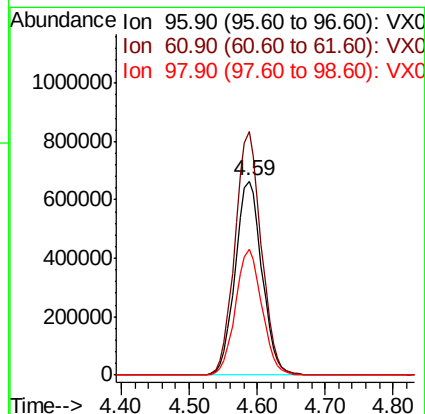
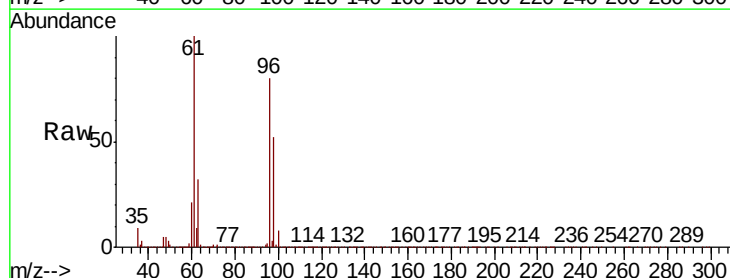
Tgt Ion: 96 Resp: 1814659

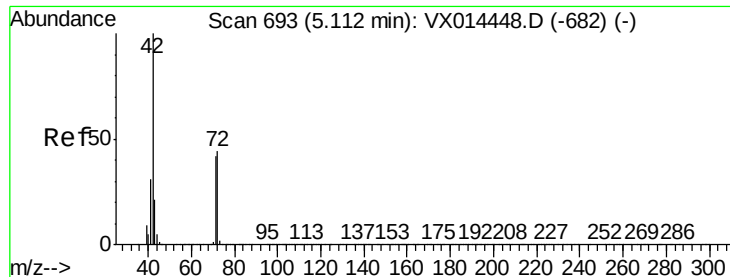
Ion Ratio Lower Upper

96 100

61 123.8 0.0 285.4

98 64.1 0.0 130.6





#29

Tetrahydrofuran

Concen: 0.433 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

Instrument :

MSVOA\_X

ClientSampleId :

MW-14

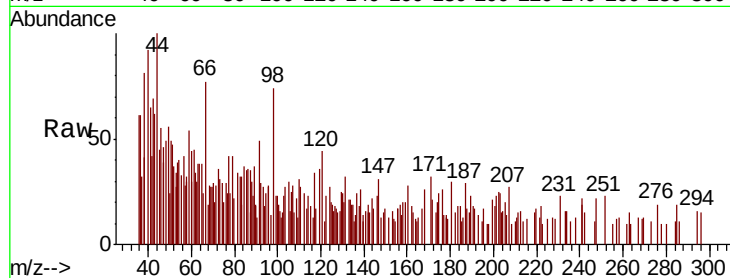
Tot Ion: 42 Resp: 1117

Ion Ratio Lower Upper

42 100

72 0.0 36.2 54.4#

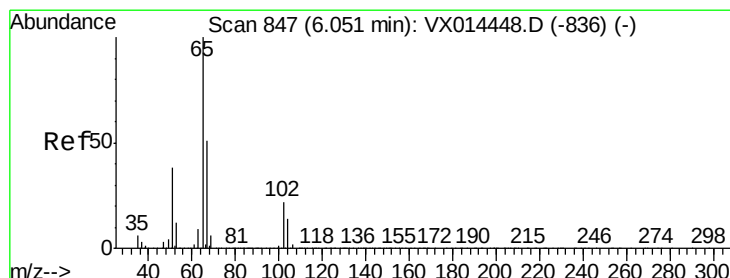
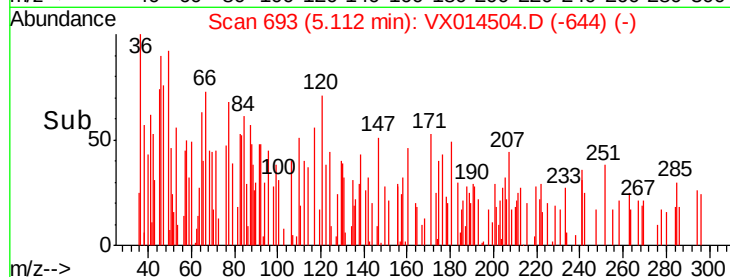
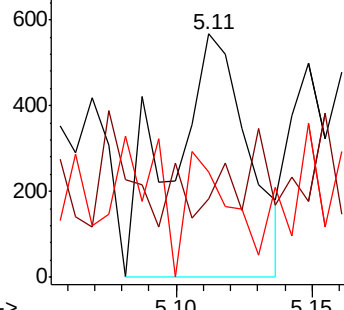
71 30.0 34.1 51.1#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.912 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014504.D

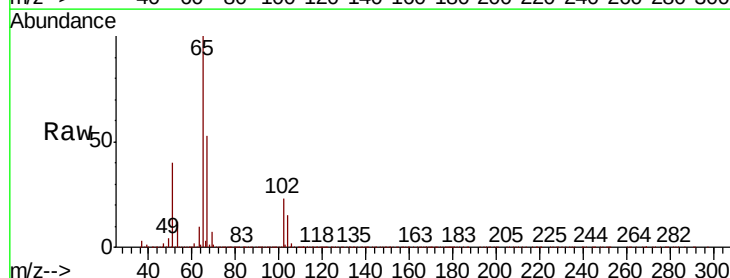
Acq: 09 Jan 2020 18:10

Tgt Ion: 65 Resp: 285493

Ion Ratio Lower Upper

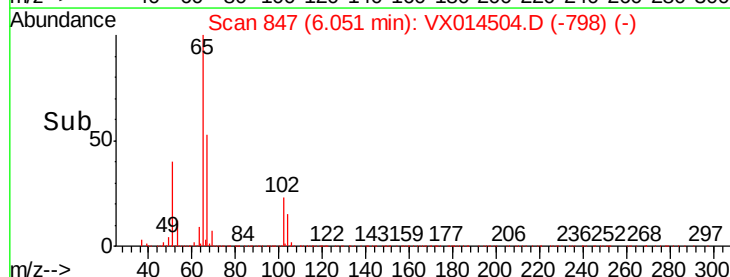
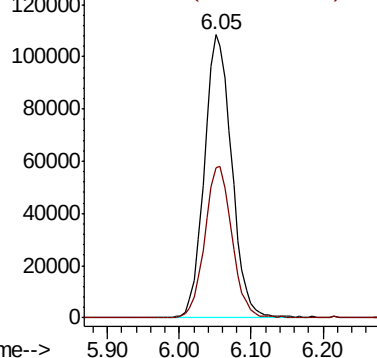
65 100

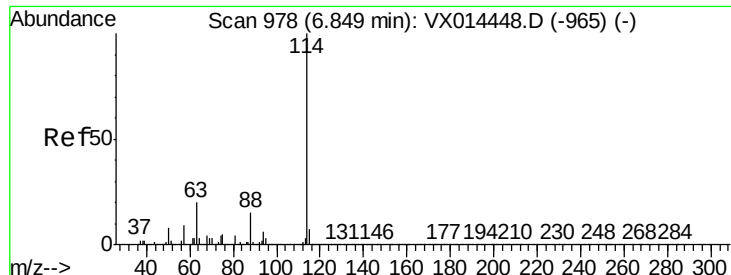
67 52.8 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

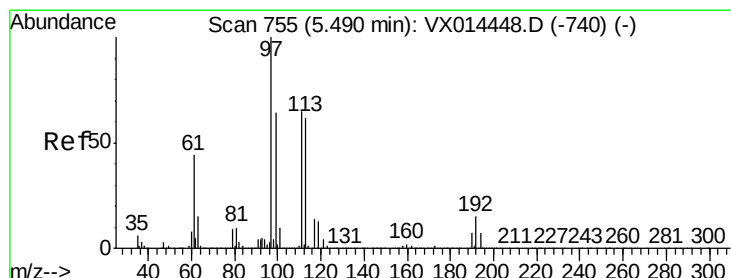
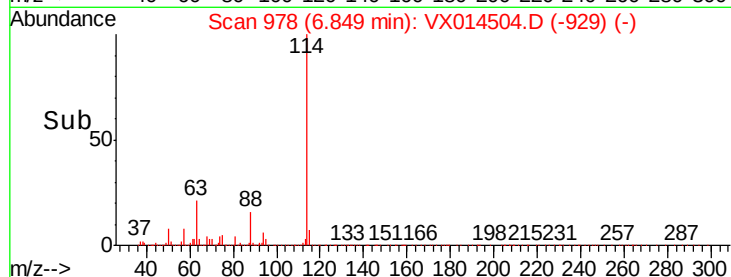
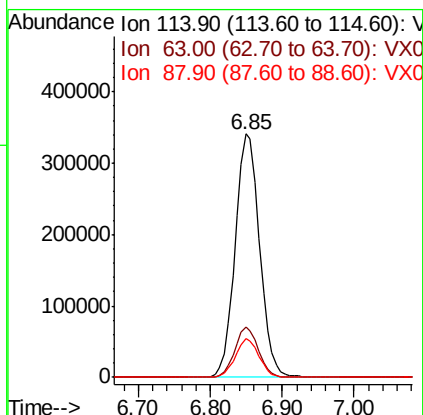
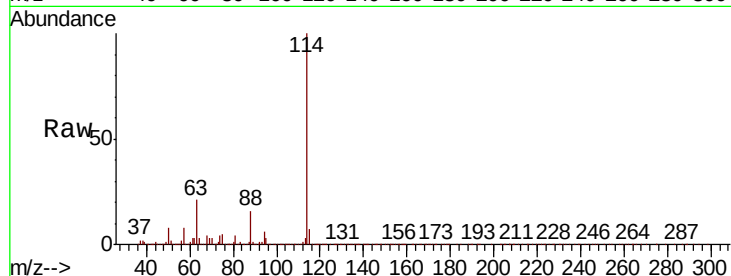




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 978  
 Delta R.T. -0.00 min  
 Lab File: VX014504.D  
 Acq: 09 Jan 2020 18:10

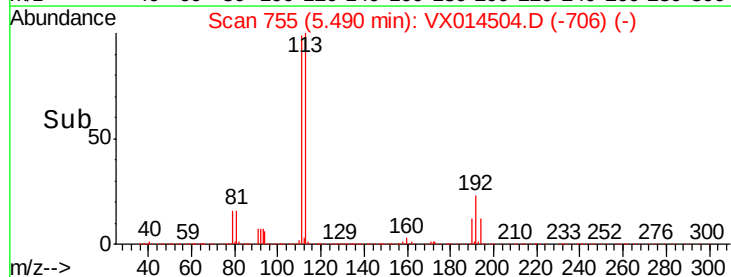
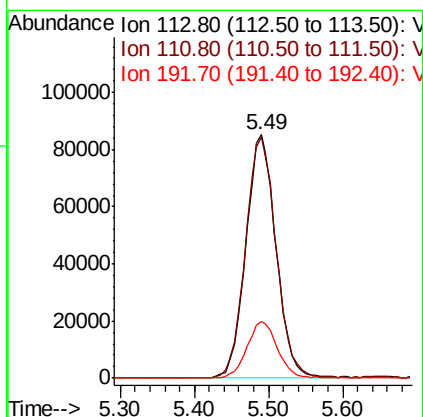
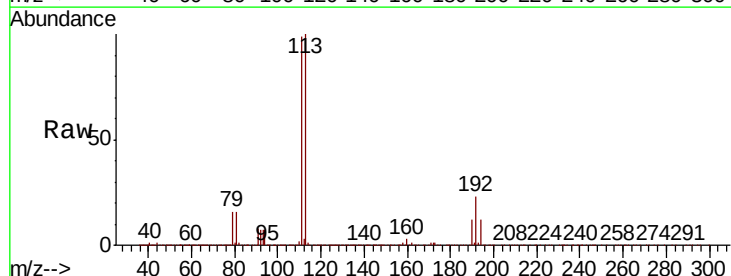
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-14

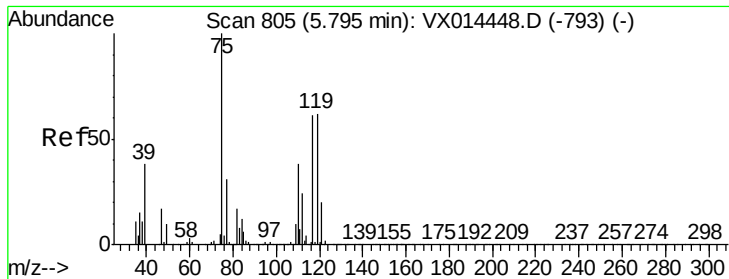
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 20.5  | 0.0   | 39.6  |
| 88      | 15.8  | 0.0   | 30.8  |



#35  
 Dibromofluoromethane  
 Concen: 49.355 ug/l  
 RT: 5.49 min Scan# 755  
 Delta R.T. -0.00 min  
 Lab File: VX014504.D  
 Acq: 09 Jan 2020 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.4 | 81.5  | 122.3 |
| 192     | 23.5  | 19.2  | 28.8  |

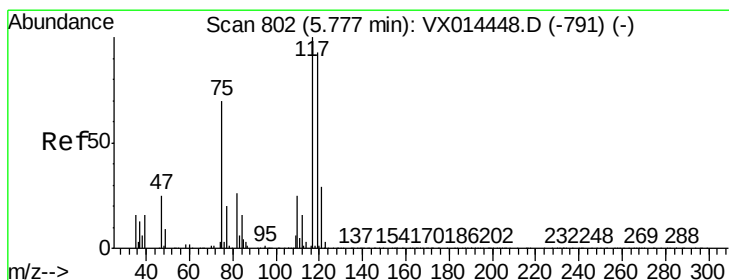
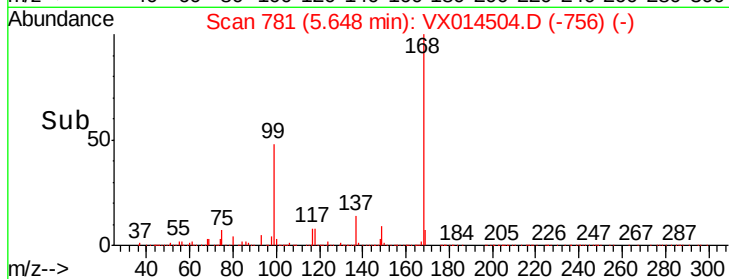
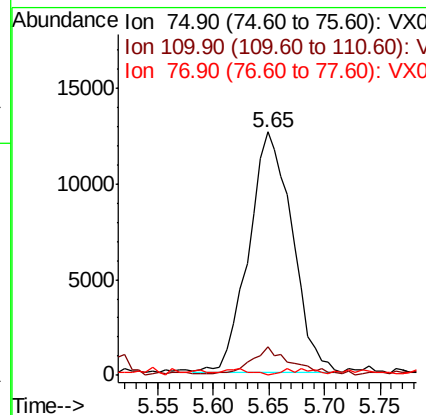
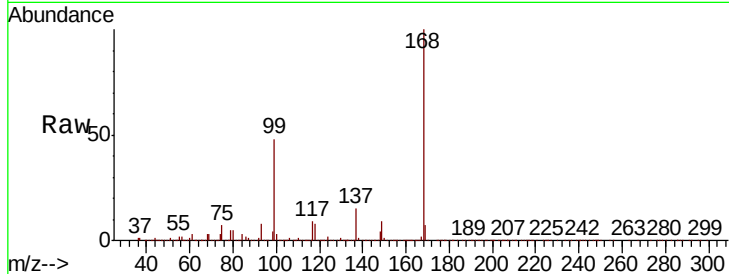




#36  
 1,1-Dichloropropene  
 Concen: 4.531 ug/l  
 RT: 5.65 min Scan# 781  
 Delta R.T. -0.15 min  
 Lab File: VX014504.D  
 Acq: 09 Jan 2020 18:10

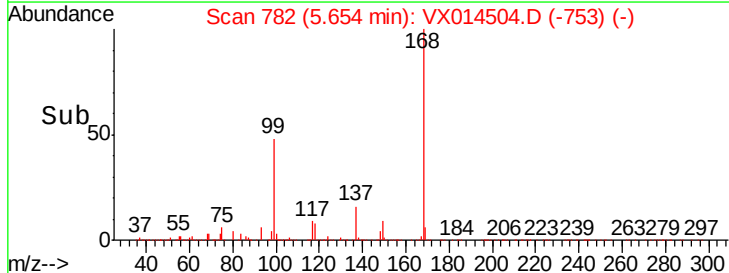
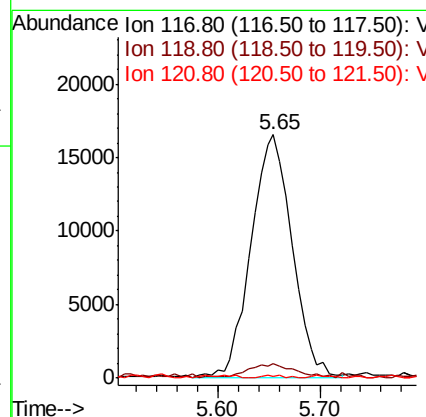
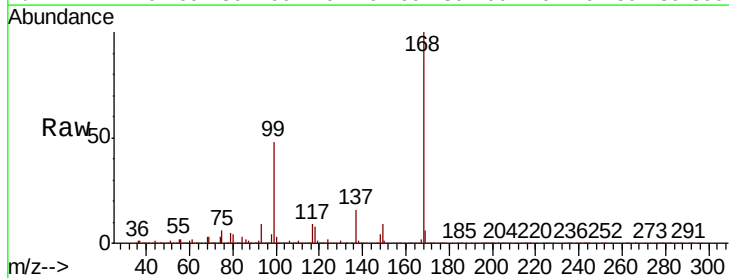
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 MW-14

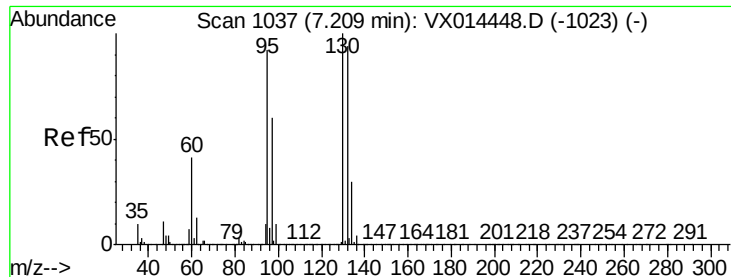
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 11.7  | 18.6  | 55.8# |
| 77      | 0.8   | 24.5  | 36.7# |



#38  
 Carbon Tetrachloride  
 Concen: 6.591 ug/l  
 RT: 5.65 min Scan# 782  
 Delta R.T. -0.12 min  
 Lab File: VX014504.D  
 Acq: 09 Jan 2020 18:10

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 4.3   | 73.8  | 110.8# |
| 121     | 0.9   | 23.4  | 35.0#  |





#44

Trichloroethene

Concen: 20.270 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

Instrument :

MSVOA\_X

ClientSampleId :

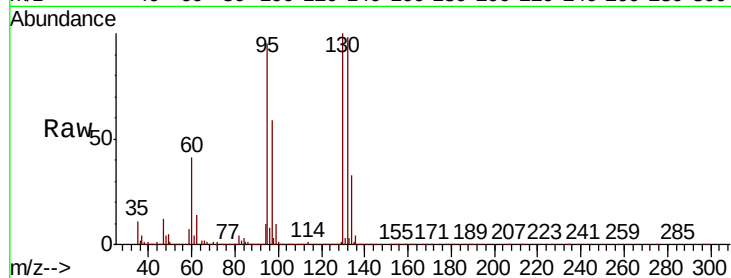
MW-14

Tot Ion:130 Resp: 130527

Ion Ratio Lower Upper

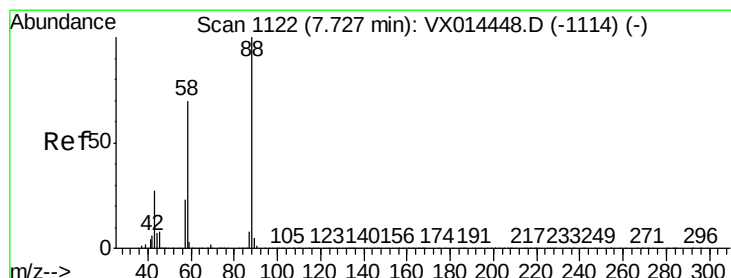
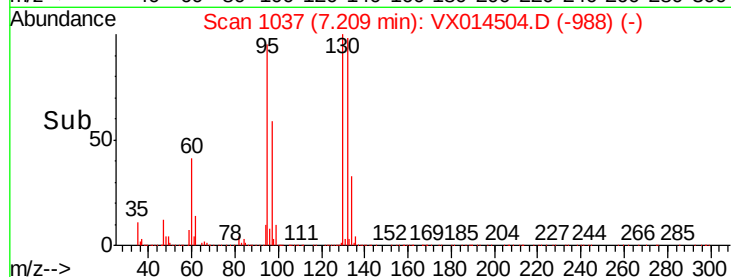
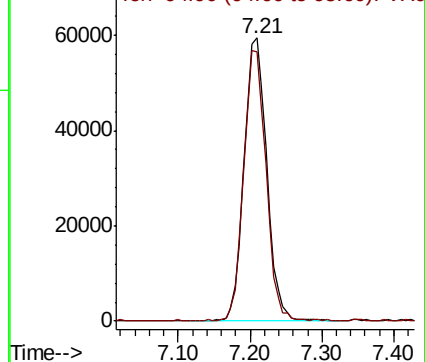
130 100

95 95.2 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 0.997 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

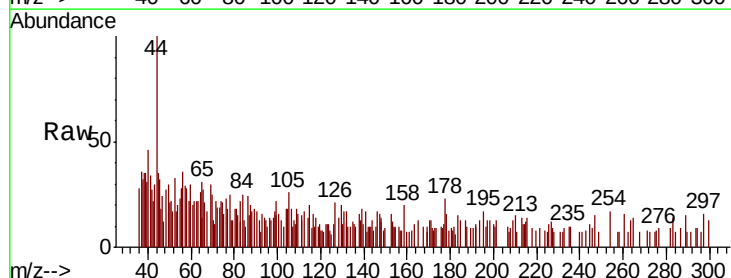
Tgt Ion: 88 Resp: 134

Ion Ratio Lower Upper

88 100

43 329.9 27.4 41.0#

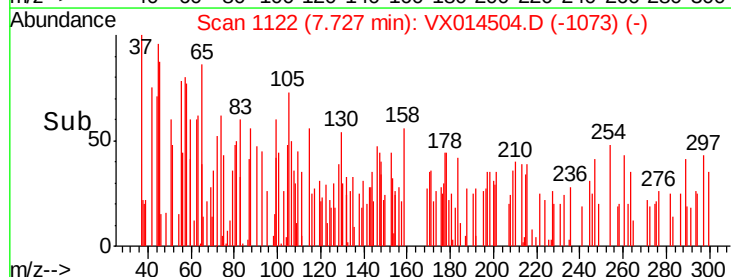
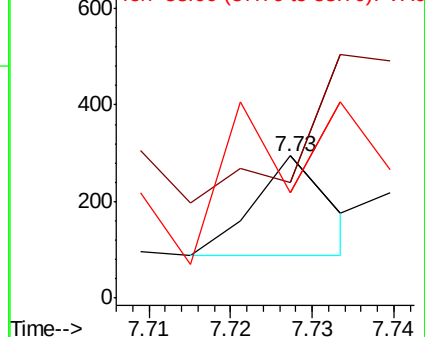
58 323.9 57.1 85.7#

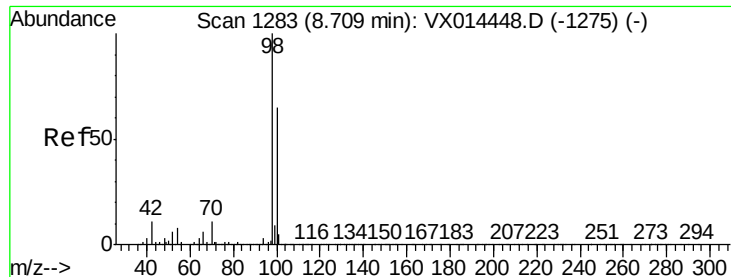


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.690 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

Instrument :

MSVOA\_X

ClientSampled :

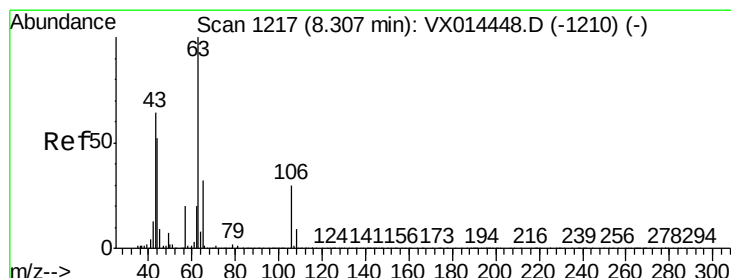
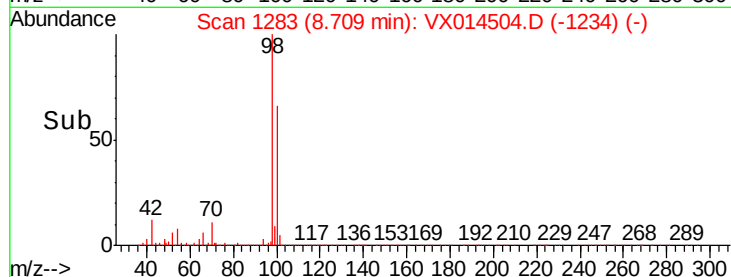
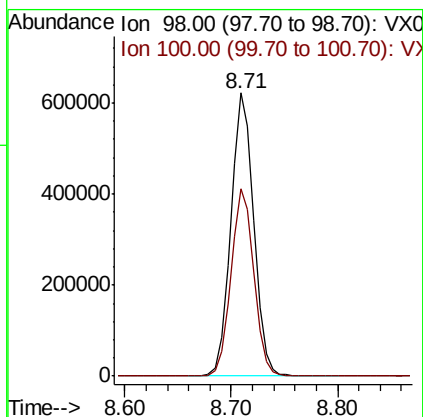
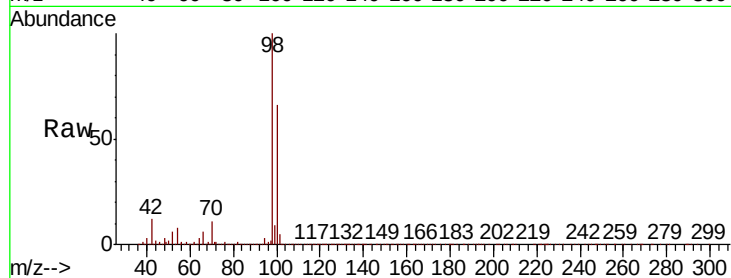
MW-14

Tot Ion: 98 Resp: 937094

Ion Ratio Lower Upper

98 100

100 66.3 53.2 79.8



#58

2-Chloroethyl Vinyl ether

Concen: 0.234 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014504.D

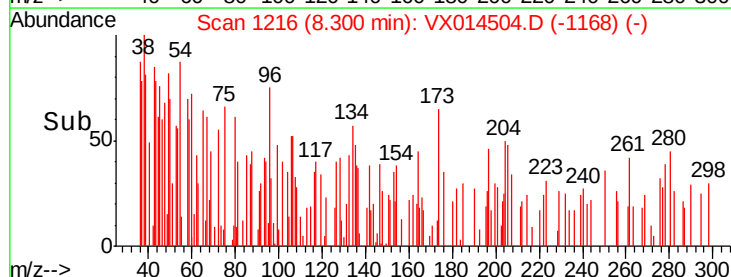
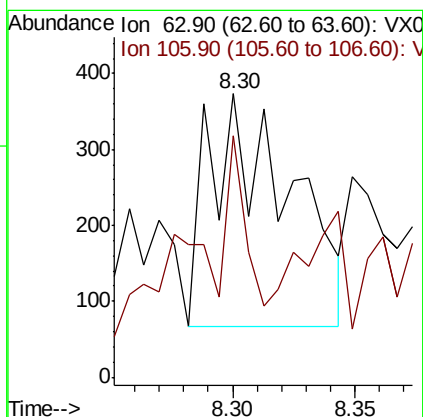
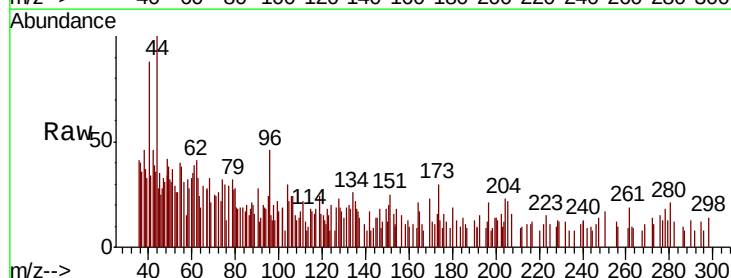
Acq: 09 Jan 2020 18:10

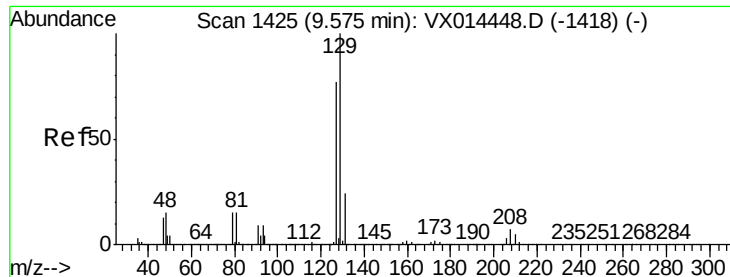
Tgt Ion: 63 Resp: 704

Ion Ratio Lower Upper

63 100

106 53.7 23.6 35.4#





#60

Dibromochloromethane

Concen: 22.333 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.24 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

Instrument :

MSVOA\_X

ClientSampled :

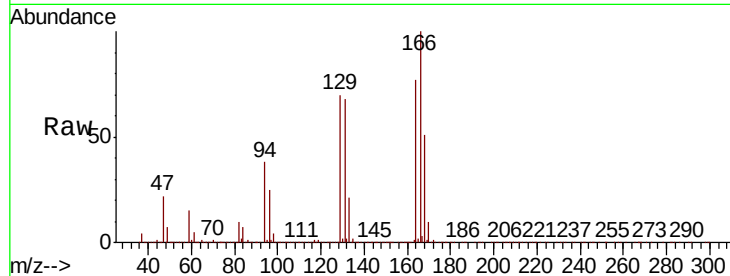
MW-14

Tot Ion:129 Resp: 129328

Ion Ratio Lower Upper

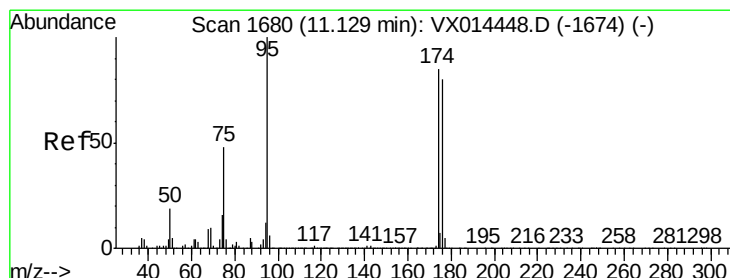
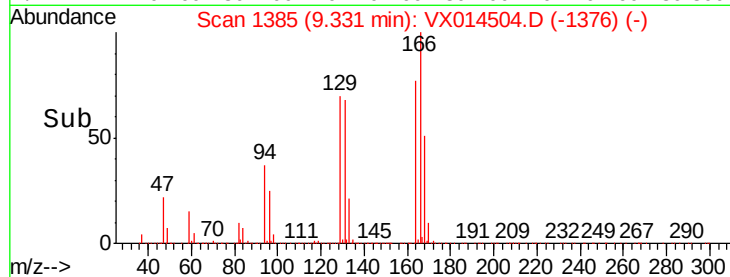
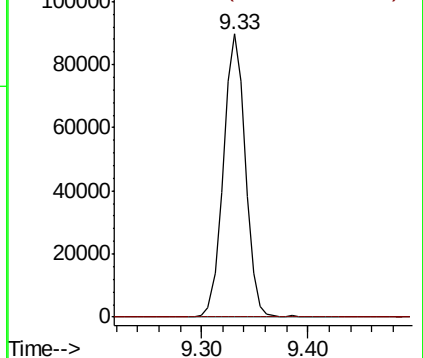
129 100

127 0.2 38.6 116.0#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 46.901 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

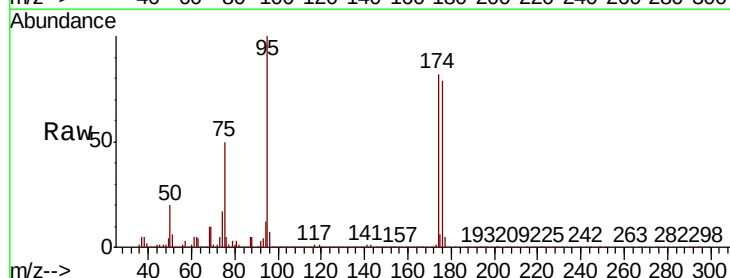
Tgt Ion: 95 Resp: 324710

Ion Ratio Lower Upper

95 100

174 89.3 0.0 180.8

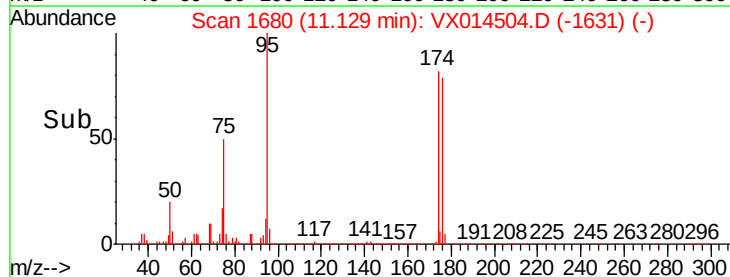
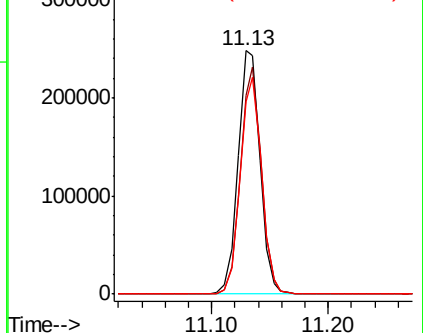
176 87.0 0.0 172.8

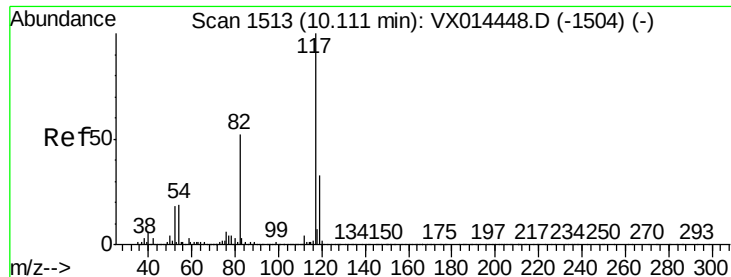


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

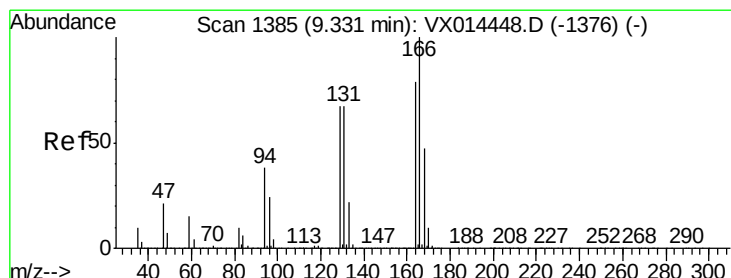
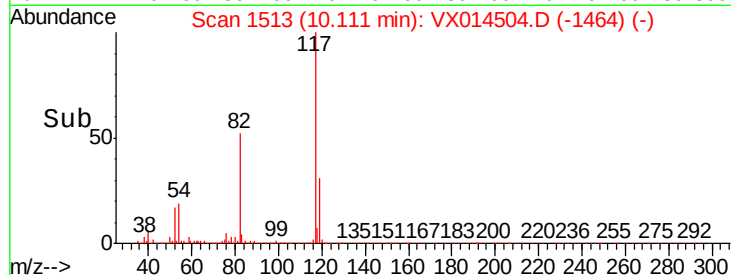
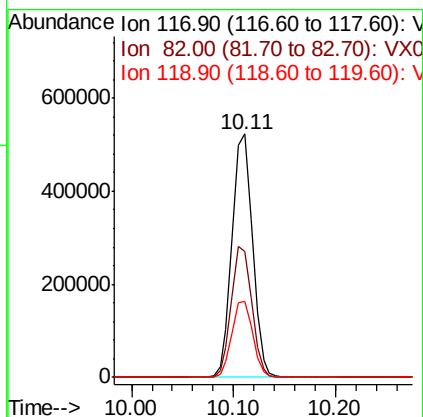
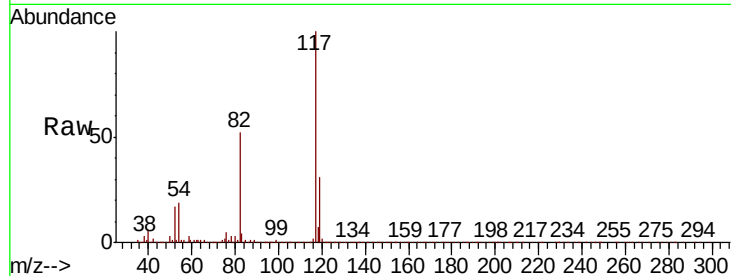




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VX014504.D  
Acq: 09 Jan 2020 18:10

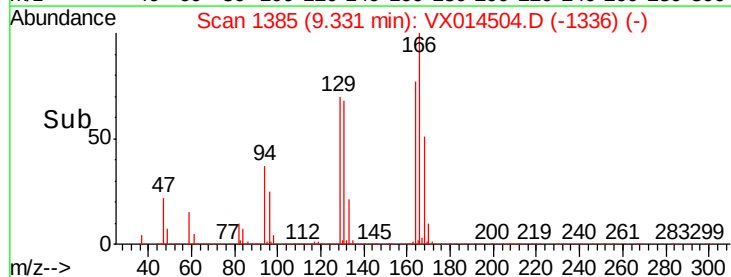
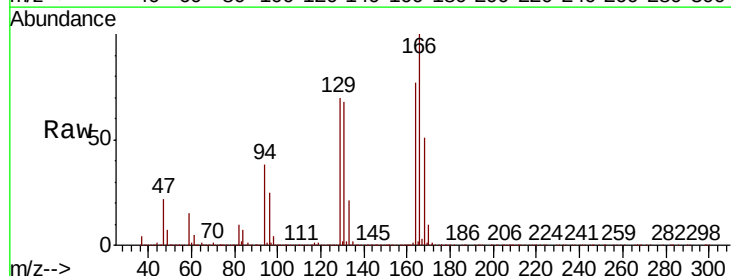
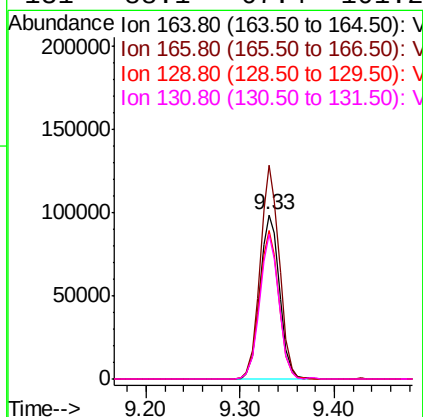
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-14

Tot Ion:117 Resp: 724419  
Ion Ratio Lower Upper  
117 100  
82 51.8 41.8 62.6  
119 31.4 26.2 39.4

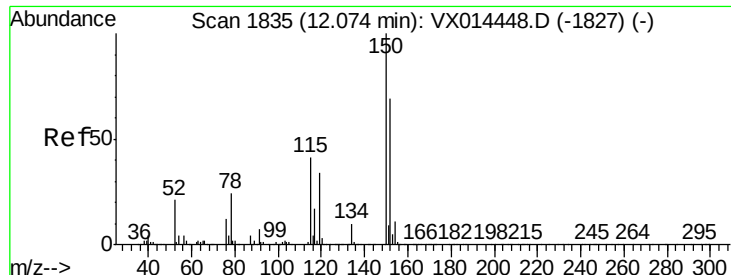


#64  
Tetrachloroethene  
Concen: 20.119 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. -0.00 min  
Lab File: VX014504.D  
Acq: 09 Jan 2020 18:10

Tgt Ion:164 Resp: 146072  
Ion Ratio Lower Upper  
164 100  
166 130.2 101.2 151.8  
129 90.7 68.3 102.5  
131 88.1 67.4 101.2





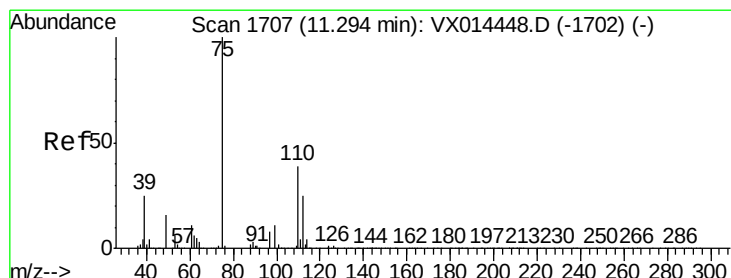
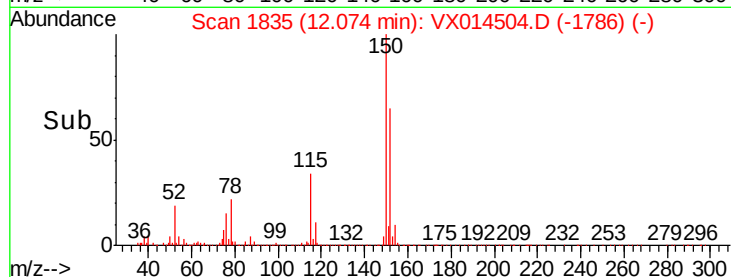
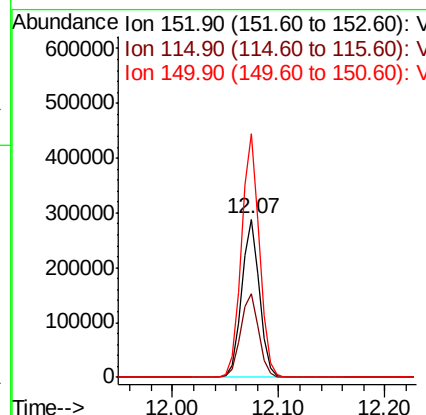
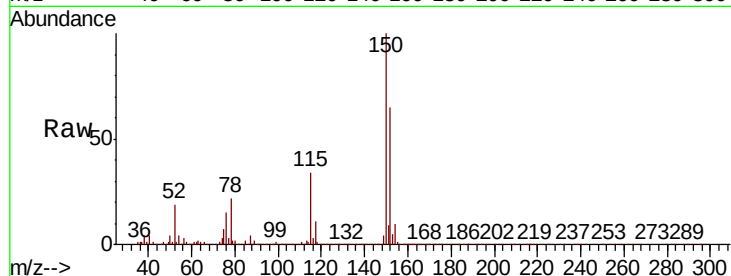


#72

1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.07 min Scan# 1835  
Delta R.T. -0.00 min  
Lab File: VX014504.D  
Acq: 09 Jan 2020 18:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-14

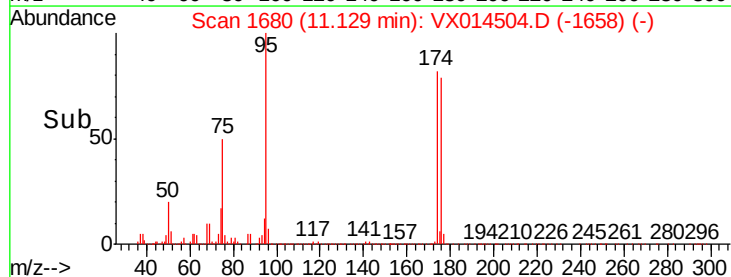
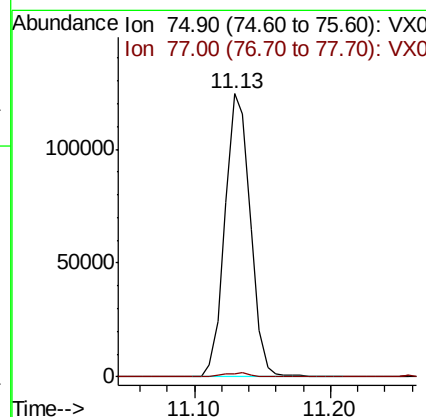
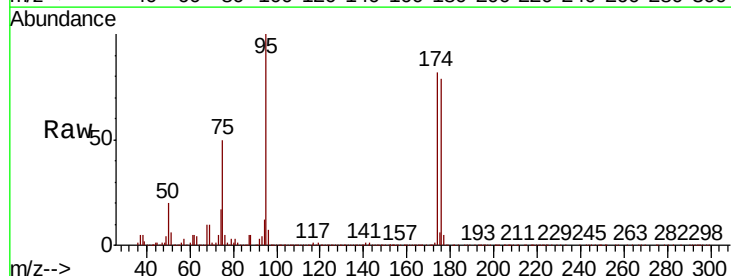
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 53.9  | 39.5  | 118.3 |
| 150     | 155.6 | 0.0   | 350.2 |

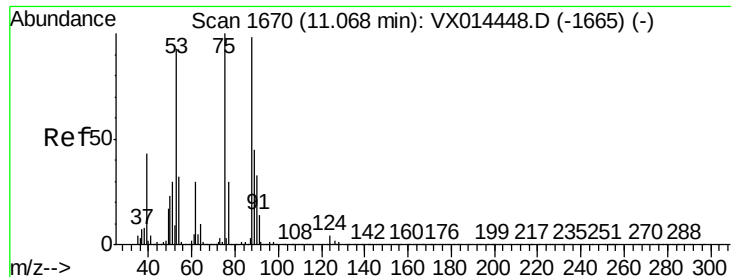


#76

1,2,3-Trichloropropane  
Concen: 22.932 ug/l  
RT: 11.13 min Scan# 1680  
Delta R.T. -0.16 min  
Lab File: VX014504.D  
Acq: 09 Jan 2020 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 1.3   | 21.9  | 65.7# |





#81

trans-1,4-Dichloro-2-butene

Concen: 60.627 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

Instrument :

MSVOA\_X

ClientSampleId :

MW-14

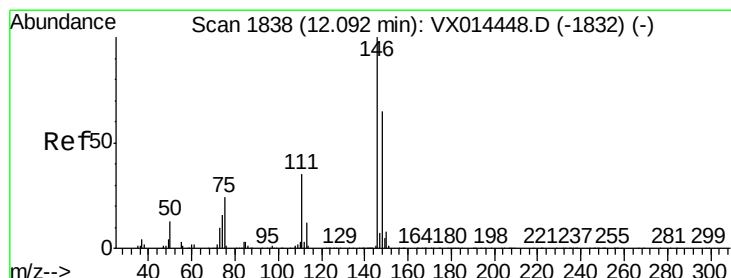
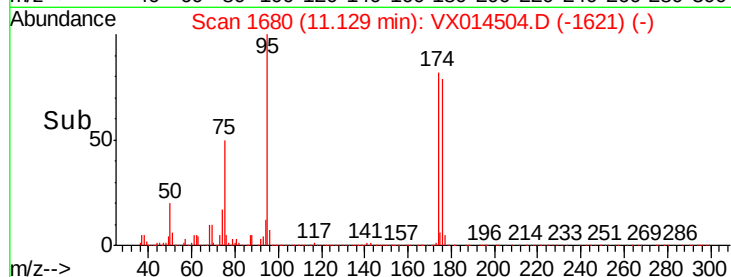
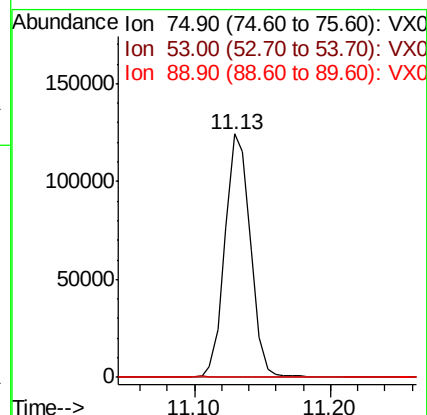
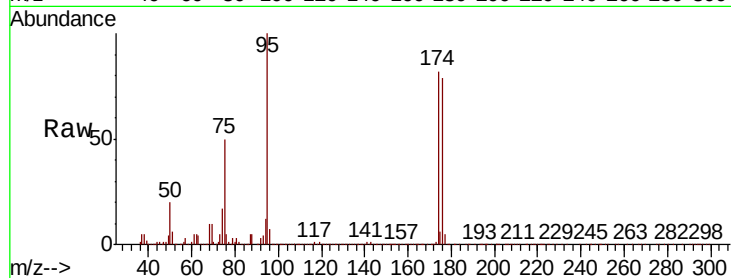
Tot Ion: 75 Resp: 159806

Ion Ratio Lower Upper

75 100

53 0.2 74.8 112.2#

89 0.2 36.3 54.5#



#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 12.02 min Scan# 1826

Delta R.T. -0.07 min

Lab File: VX014504.D

Acq: 09 Jan 2020 18:10

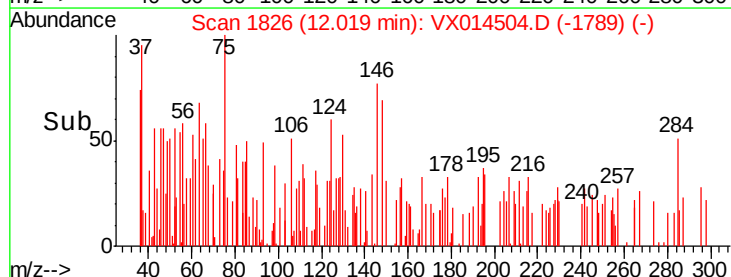
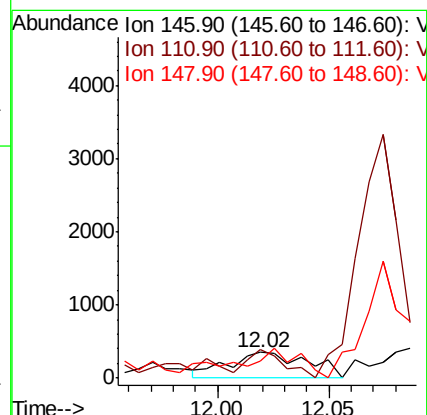
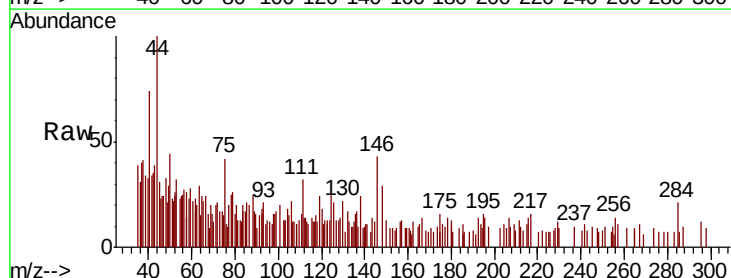
Tgt Ion: 146 Resp: 870

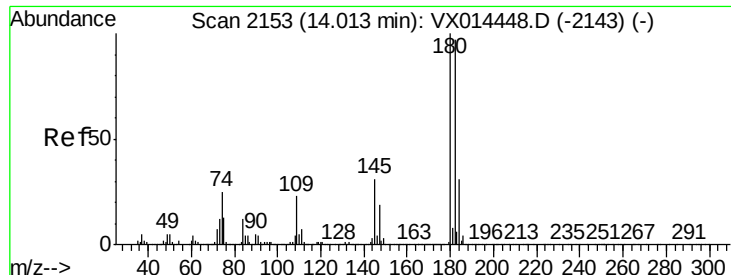
Ion Ratio Lower Upper

146 100

111 50.8 18.1 54.1

148 54.1 32.1 96.3





#96  
 1,2,3-Trichlorobenzene  
 Concen: Below Cal  
 RT: 14.02 min Scan# 2154  
 Delta R.T. 0.01 min  
 Lab File: VX014504.D  
 Acq: 09 Jan 2020 18:10

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-14

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 47.9  | 143.6 |
| 145     | 20.4  | 14.8  | 44.3  |

