

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041320\  
 Data File : VX015646.D  
 Acq On : 13 Apr 2020 16:49  
 Operator : JC/SP  
 Sample : L2190-16DL 5X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ST008MW167-200406DL

Quant Time: Apr 13 17:27:30 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X032720W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 27 09:35:51 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 1121051  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 1729458  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 1652137  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 905979   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.04  | 65   | 691710   | 43.75 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 87.50%  |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 520753   | 47.10 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.20%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 2075204  | 50.99 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.98% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 863704   | 52.21 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.42% |          |

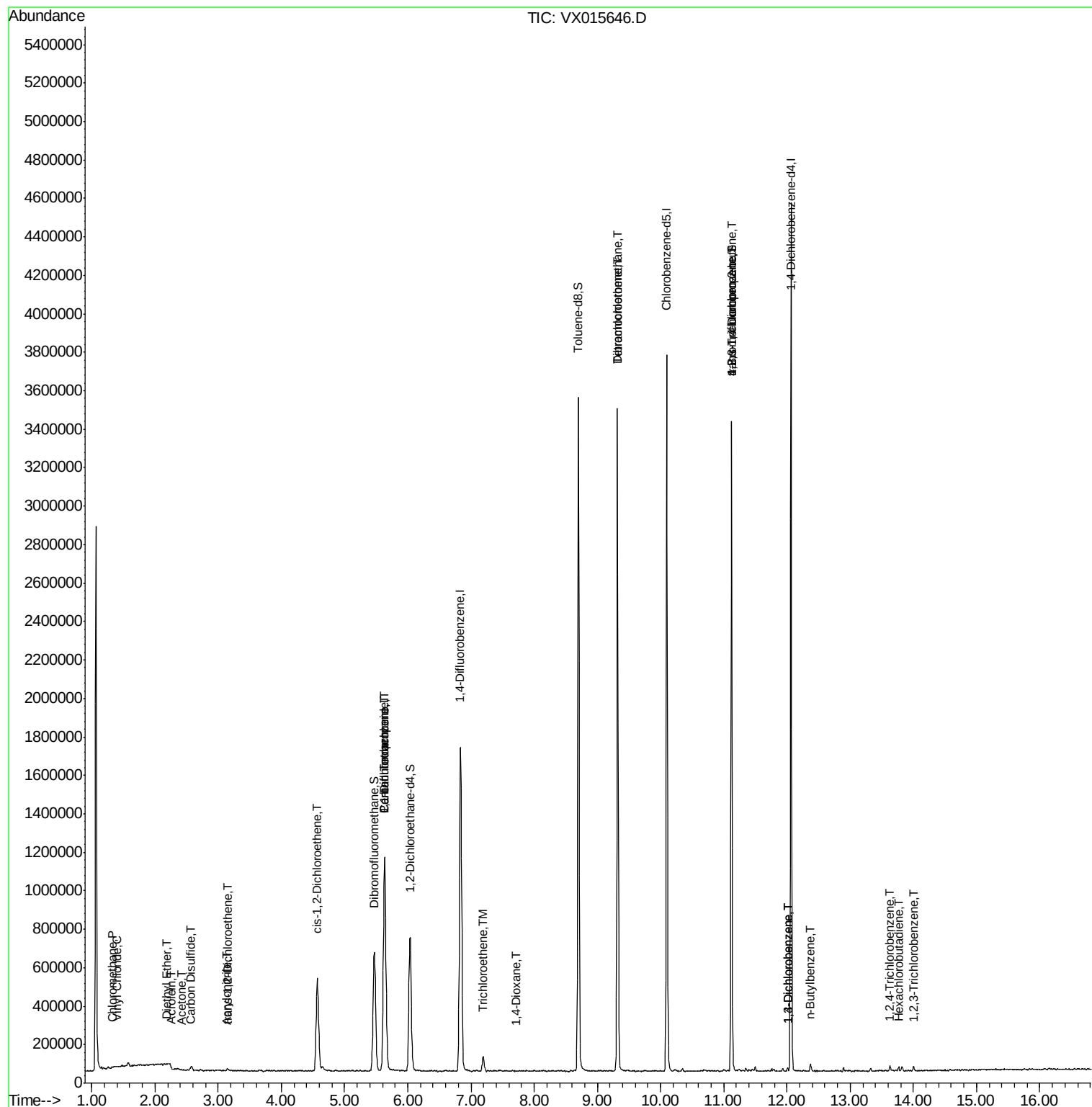
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 1.31  | 50   | 2907     | 0.231     | ug/l # | 83     |
| 4) Vinyl Chloride              | 1.39  | 62   | 2356     | 0.204     | ug/l # | 75     |
| 5) Bromomethane                | 1.64  | 94   | 2028     | Below Cal | #      | 44     |
| 8) Diethyl Ether               | 2.18  | 74   | 1913     | 0.293     | ug/l   | 80     |
| 13) Acrolein                   | 2.27  | 56   | 985      | 0.457     | ug/l # | 40     |
| 15) Acrylonitrile              | 3.12  | 53   | 3925     | 0.544     | ug/l # | 57     |
| 16) Acetone                    | 2.42  | 43   | 4964     | 0.731     | ug/l # | 81     |
| 17) Carbon Disulfide           | 2.55  | 76   | 9456     | 0.293     | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene   | 3.14  | 96   | 4530     | 0.386     | ug/l # | 58     |
| 27) cis-1,2-Dichloroethene     | 4.57  | 96   | 298403   | 21.958    | ug/l   | 90     |
| 36) 1,1-Dichloropropene        | 5.64  | 75   | 77408    | 4.858     | ug/l # | 53     |
| 38) Carbon Tetrachloride       | 5.63  | 117  | 105556   | 6.116     | ug/l # | 14     |
| 44) Trichloroethene            | 7.20  | 130  | 31803    | 2.498     | ug/l   | 89     |
| 49) 1,4-Dioxane                | 7.71  | 88   | 1114     | 3.413     | ug/l # | 34     |
| 60) Dibromochloromethane       | 9.32  | 129  | 612802   | 43.253    | ug/l # | 11     |
| 64) Tetrachloroethene          | 9.32  | 164  | 699925   | 56.137    | ug/l   | 96     |
| 76) 1,2,3-Trichloropropane     | 11.12 | 75   | 433182   | 23.251    | ug/l # | 35     |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75   | 433182   | 55.790    | ug/l # | 10     |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 5872     | 0.207     | ug/l   | 93     |
| 88) 1,4-Dichlorobenzene        | 12.01 | 146  | 5872     | 0.203     | ug/l   | 93     |
| 89) n-Butylbenzene             | 12.37 | 91   | 11115    | 0.231     | ug/l   | 92     |
| 93) 1,2,4-Trichlorobenzene     | 13.63 | 180  | 7954     | 0.362     | ug/l   | 93     |
| 94) Hexachlorobutadiene        | 13.77 | 225  | 4669     | 0.447     | ug/l   | 95     |
| 96) 1,2,3-Trichlorobenzene     | 14.01 | 180  | 6990     | 0.331     | ug/l   | 95     |

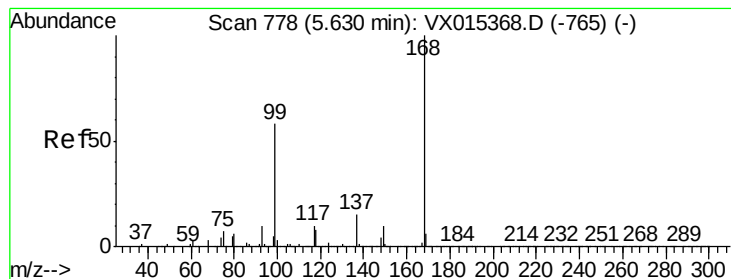
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Mar 27 09:35:51 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

Instrument :

MSVOA\_X

ClientSampleId :

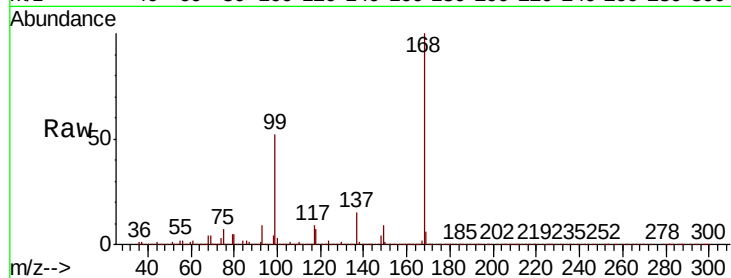
ST008MW167-200406DL

Tot Ion:168 Resp: 1121051

Ion Ratio Lower Upper

168 100

99 52.2 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

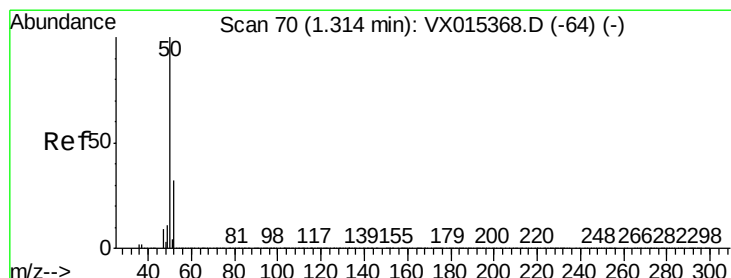
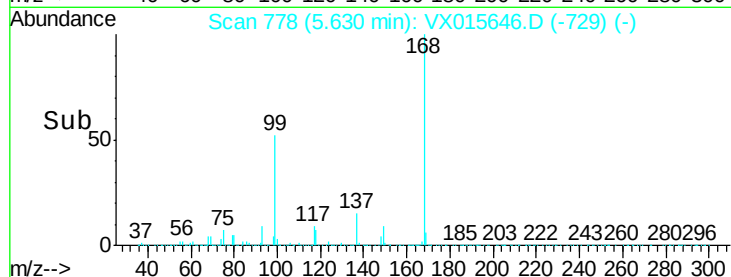
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.231 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015646.D

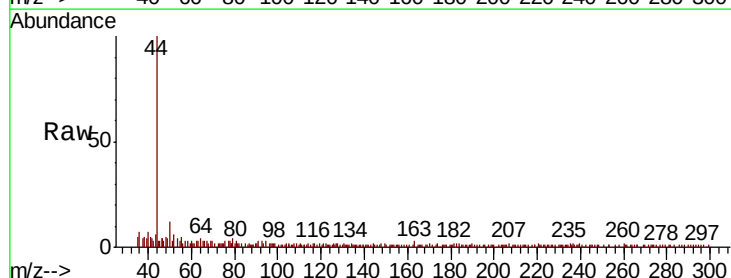
Acq: 13 Apr 2020 16:49

Tgt Ion: 50 Resp: 2907

Ion Ratio Lower Upper

50 100

52 41.0 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

2000

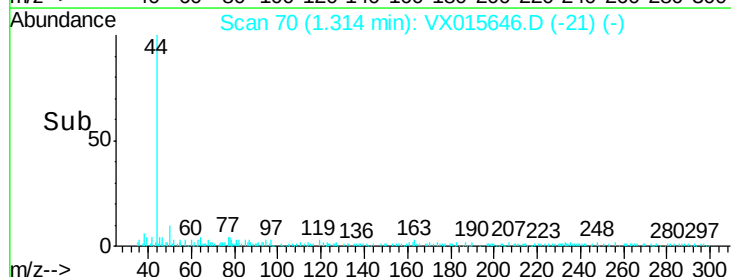
1500

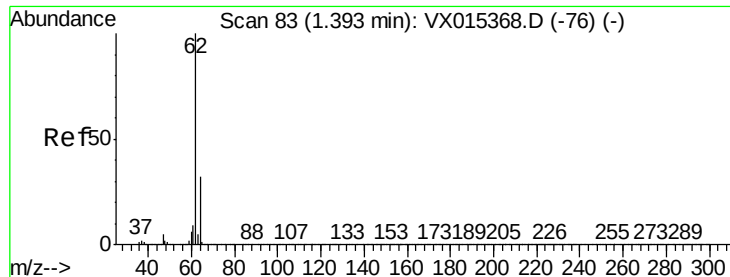
1000

500

0

Time-->





#4

Vinyl Chloride

Concen: 0.204 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

Instrument :

MSVOA\_X

ClientSampleId :

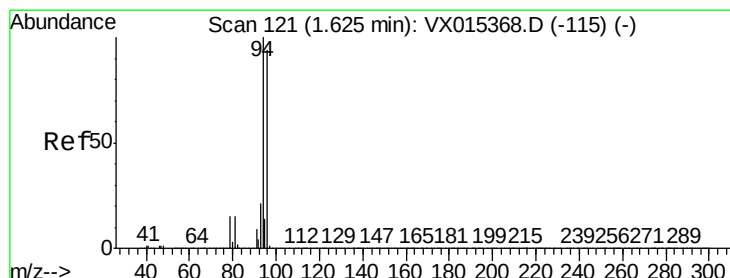
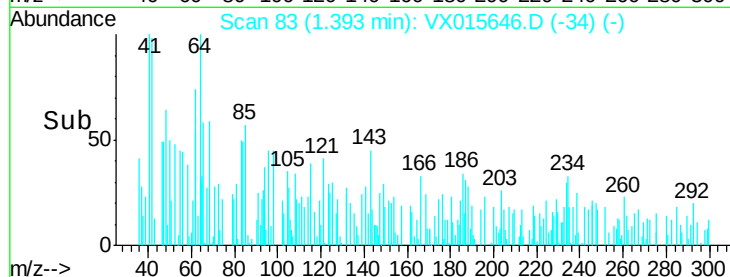
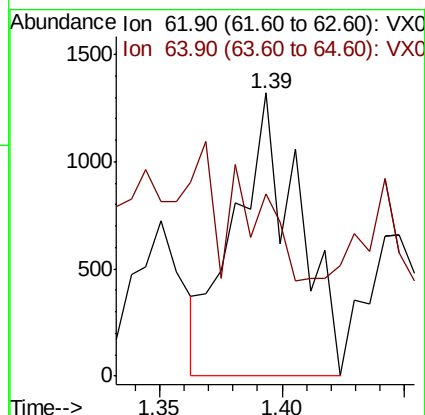
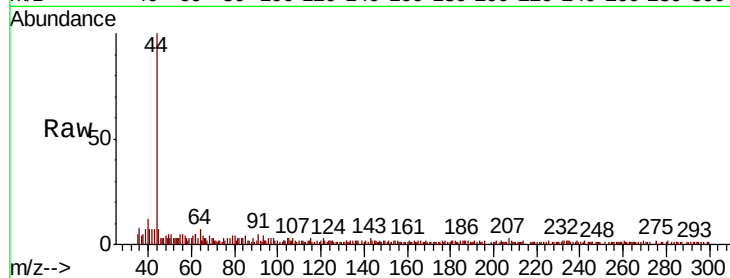
ST008MW167-200406DL

Tot Ion: 62 Resp: 2356

Ion Ratio Lower Upper

62 100

64 46.6 26.0 39.0#



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX015646.D

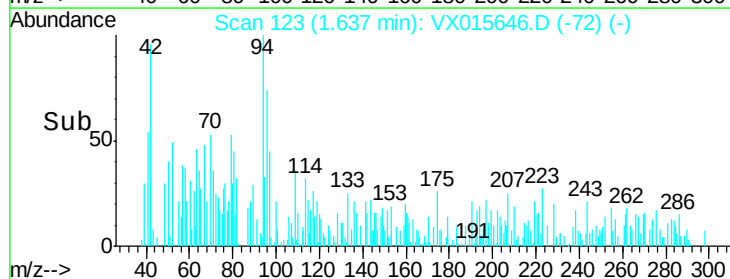
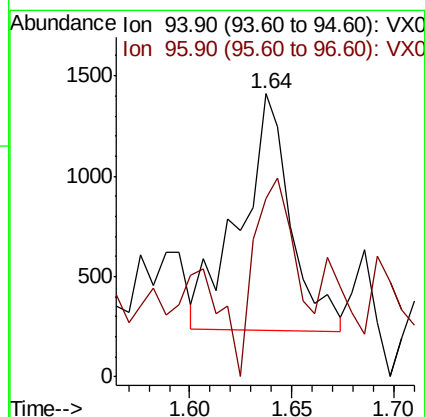
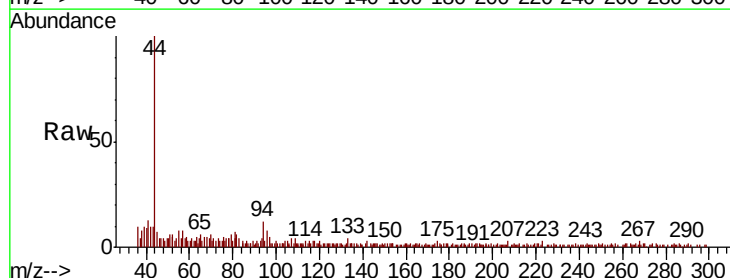
Acq: 13 Apr 2020 16:49

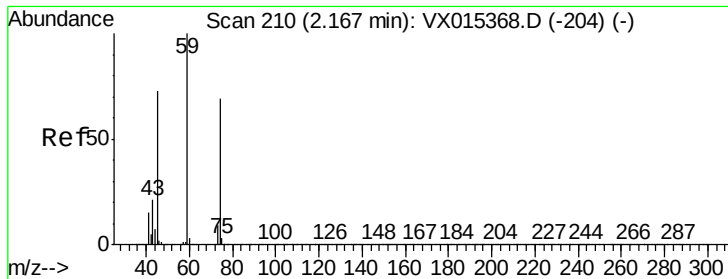
Tgt Ion: 94 Resp: 2028

Ion Ratio Lower Upper

94 100

96 39.4 74.8 112.2#





#8

Diethyl Ether

Concen: 0.293 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

Instrument :

MSVOA\_X

ClientSampleId :

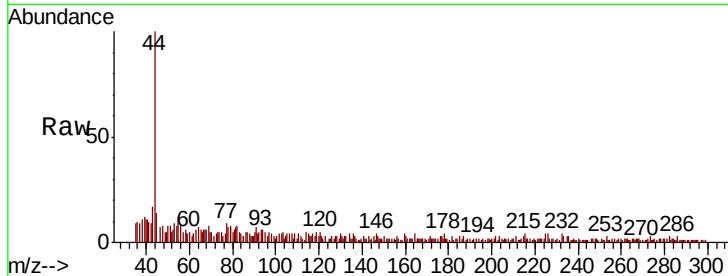
ST008MW167-200406DL

Tot Ion: 74 Resp: 1913

Ion Ratio Lower Upper

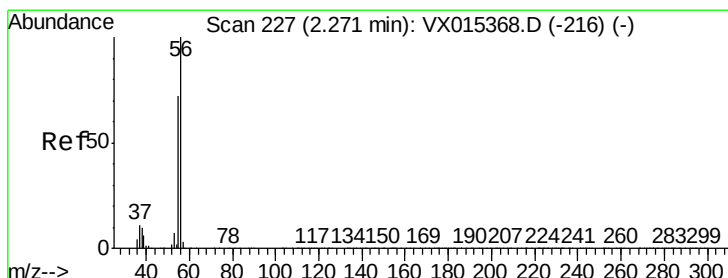
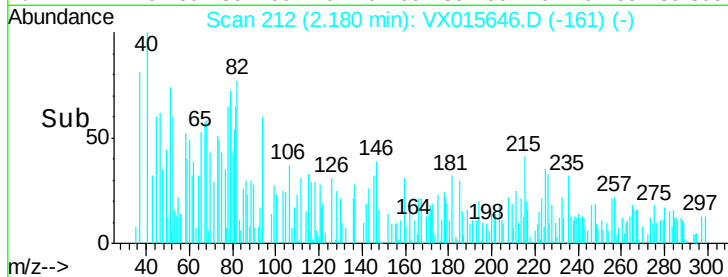
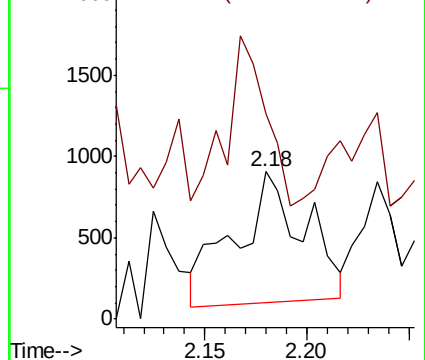
74 100

45 86.4 53.8 161.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#13

Acrolein

Concen: 0.457 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015646.D

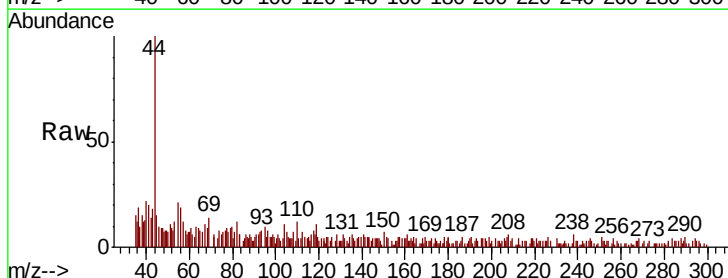
Acq: 13 Apr 2020 16:49

Tgt Ion: 56 Resp: 985

Ion Ratio Lower Upper

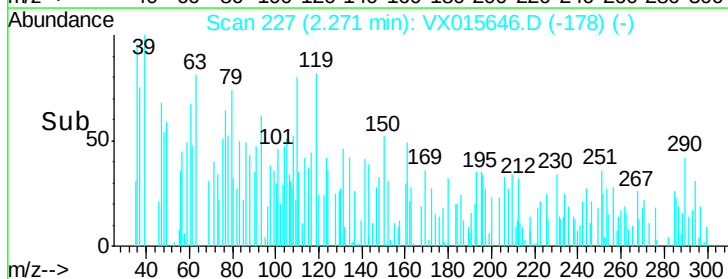
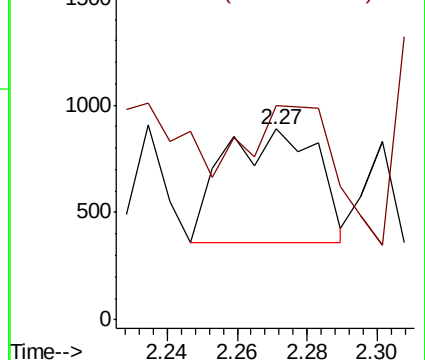
56 100

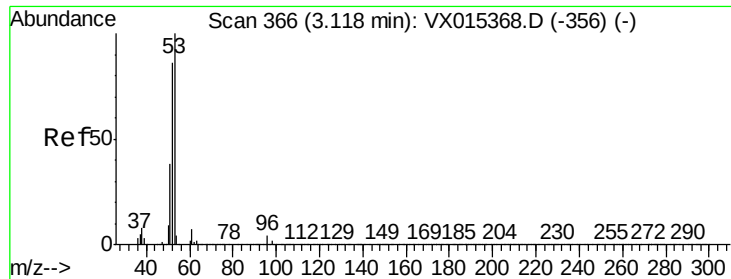
55 121.1 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

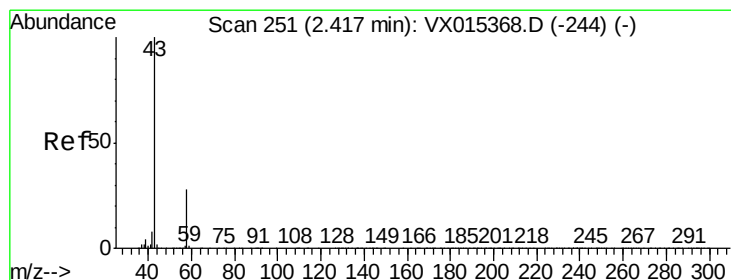
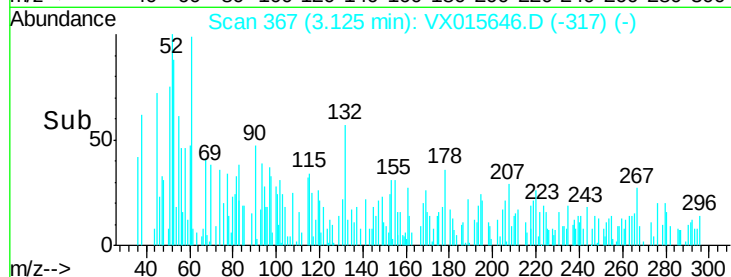
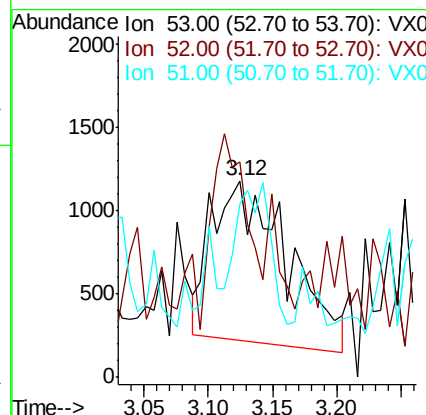
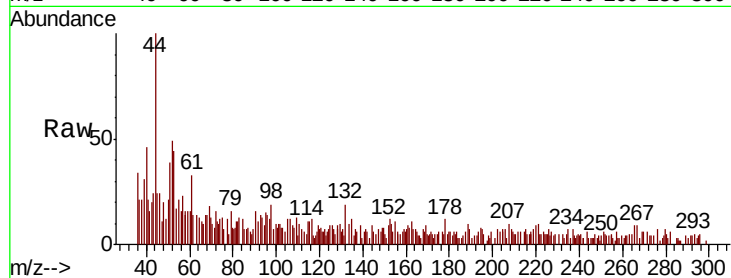




#15  
 Acrylonitrile  
 Concen: 0.544 ug/l  
 RT: 3.12 min Scan# 367  
 Delta R.T. 0.01 min  
 Lab File: VX015646.D  
 Acq: 13 Apr 2020 16:49

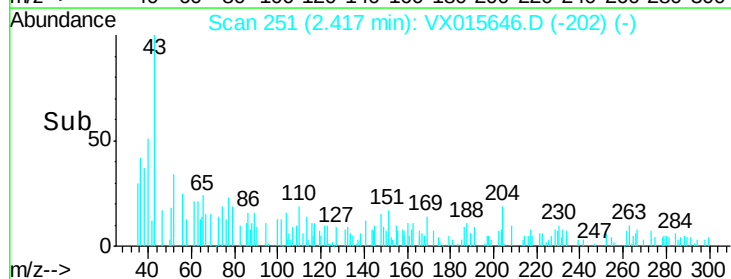
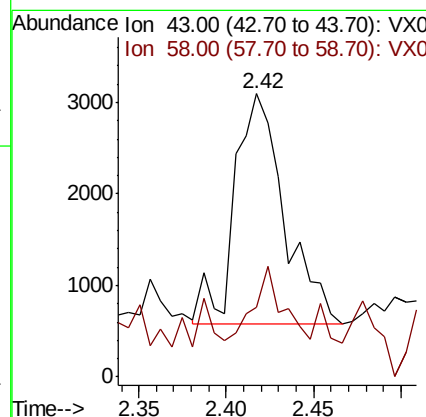
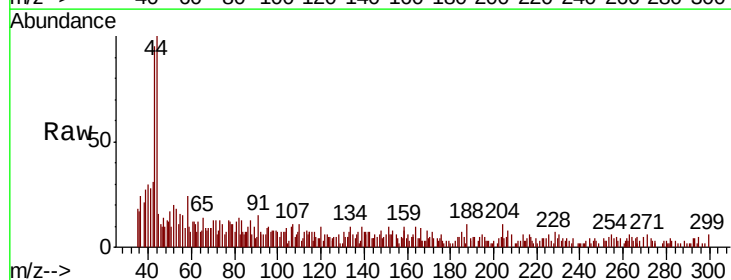
Instrument :  
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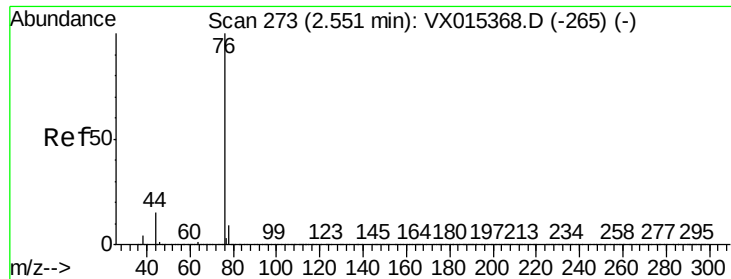
| Tot Ion | 53    | Resp  | 3925   |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 53      | 100   |       |        |
| 52      | 52.1  | 66.8  | 100.2# |
| 51      | 0.0   | 29.5  | 44.3#  |



#16  
 Acetone  
 Concen: 0.731 ug/l  
 RT: 2.42 min Scan# 251  
 Delta R.T. 0.00 min  
 Lab File: VX015646.D  
 Acq: 13 Apr 2020 16:49

| Tgt Ion | 43    | Resp  | 4964  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 43      | 100   |       |       |
| 58      | 17.7  | 22.1  | 33.1# |

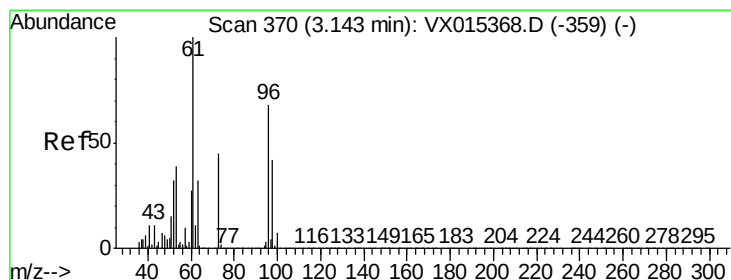
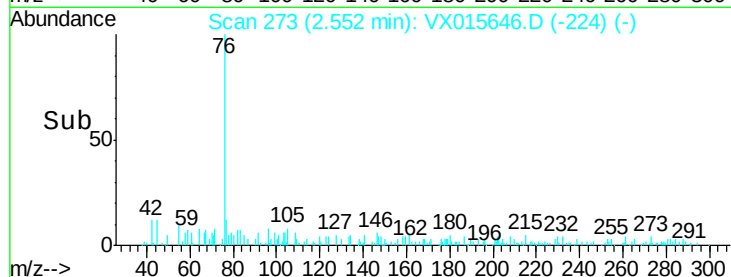
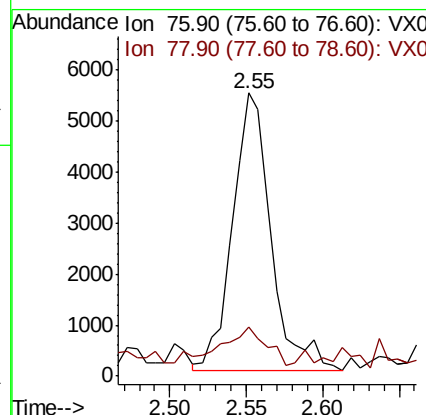
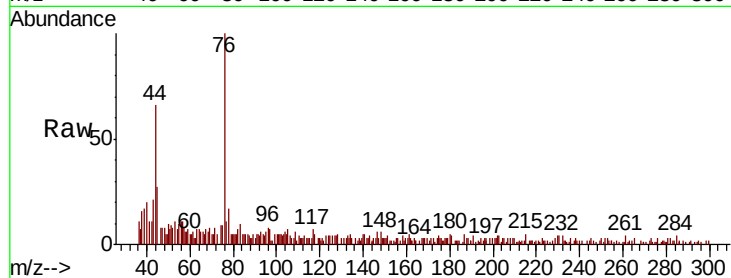




#17  
Carbon Disulfide  
Concen: 0.293 ug/l  
RT: 2.55 min Scan# 273  
Delta R.T. 0.00 min  
Lab File: VX015646.D  
Acq: 13 Apr 2020 16:49

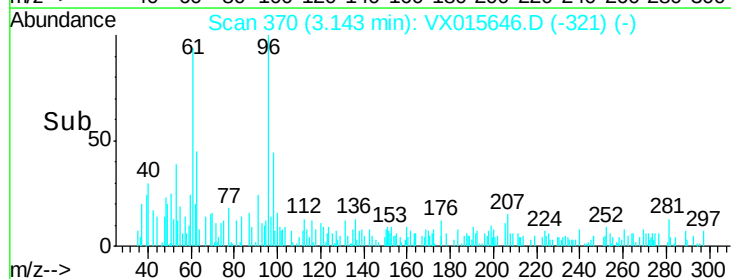
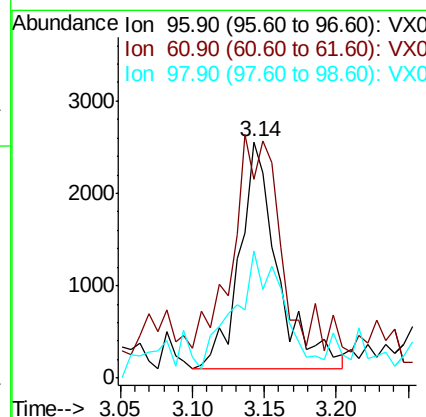
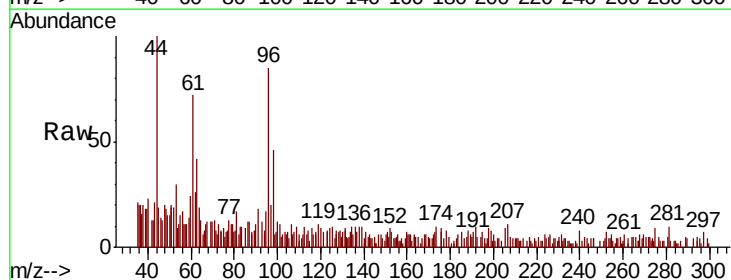
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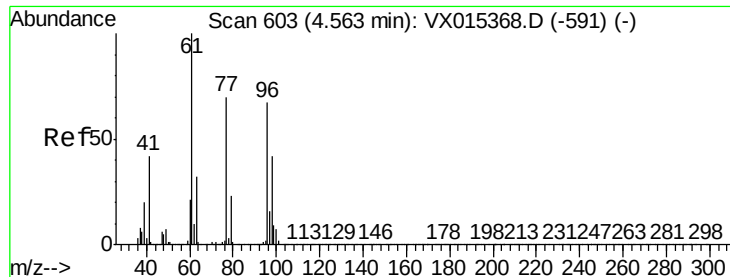
Tot Ion: 76 Resp: 9456  
Ion Ratio Lower Upper  
76 100  
78 10.3 7.1 10.7



#21  
trans-1,2-Dichloroethene  
Concen: 0.386 ug/l  
RT: 3.14 min Scan# 370  
Delta R.T. 0.00 min  
Lab File: VX015646.D  
Acq: 13 Apr 2020 16:49

Tgt Ion: 96 Resp: 4530  
Ion Ratio Lower Upper  
96 100  
61 79.0 116.9 175.3#  
98 50.3 48.6 73.0



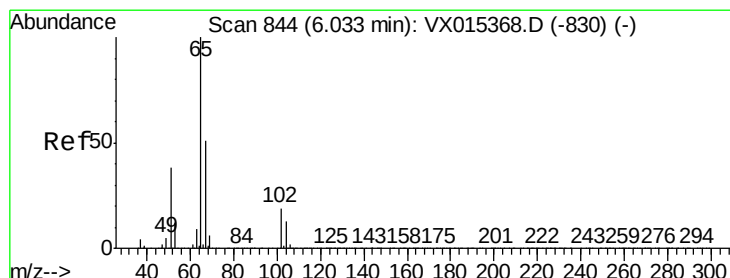
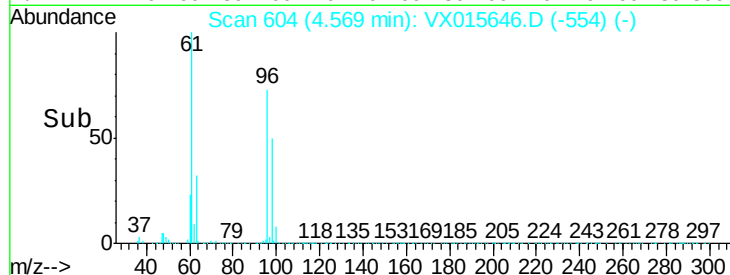
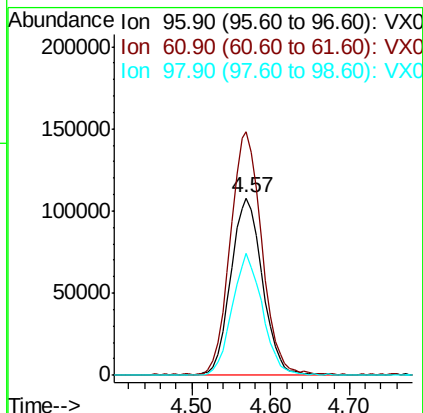
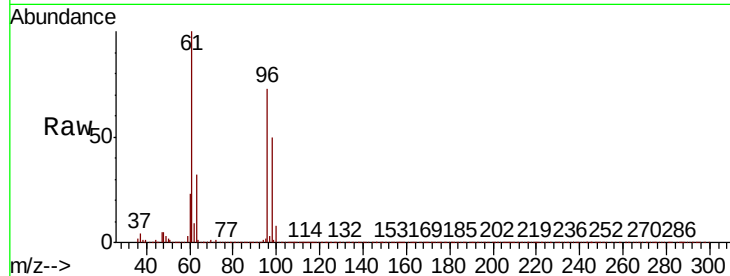


#27

cis-1,2-Dichloroethene  
Concen: 21.958 ug/l  
RT: 4.57 min Scan# 604  
Delta R.T. 0.01 min  
Lab File: VX015646.D  
Acq: 13 Apr 2020 16:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
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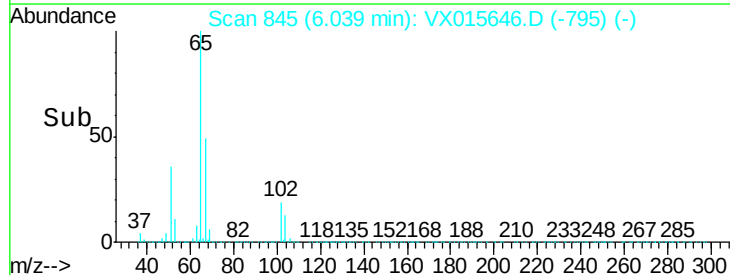
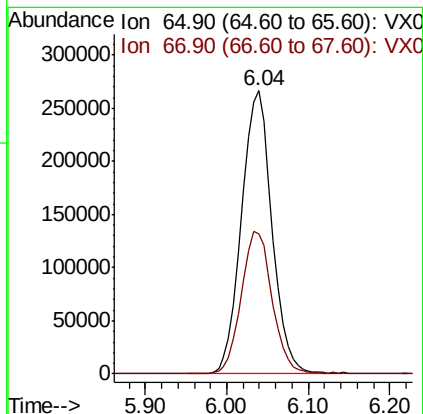
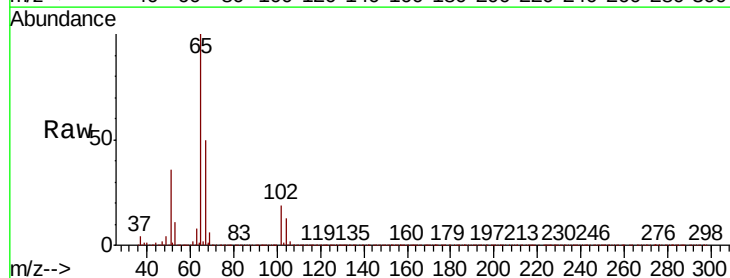
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 136.8 | 0.0   | 308.4 |
| 98      | 66.3  | 0.0   | 129.2 |



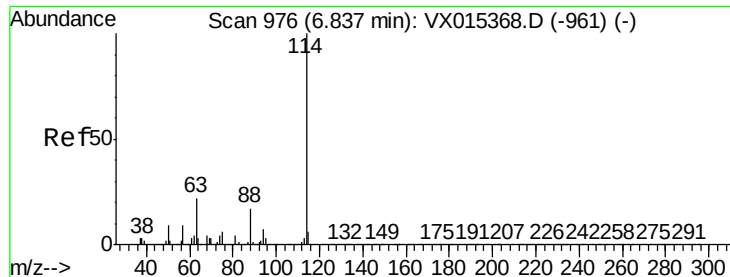
#33

1,2-Dichloroethane-d4  
Concen: 43.748 ug/l  
RT: 6.04 min Scan# 845  
Delta R.T. 0.01 min  
Lab File: VX015646.D  
Acq: 13 Apr 2020 16:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 51.1  | 0.0   | 102.6 |







#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

Instrument :

MSVOA\_X

ClientSampleId :

ST008MW167-200406DL

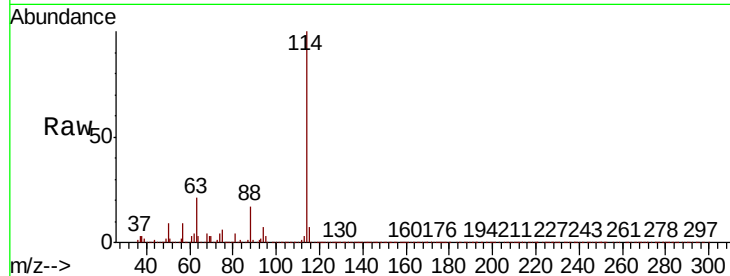
Tot Ion:114 Resp: 1729458

Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.2

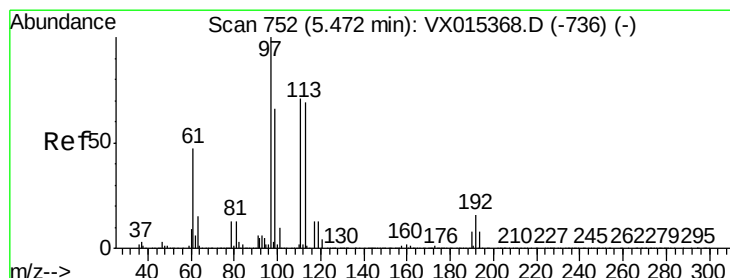
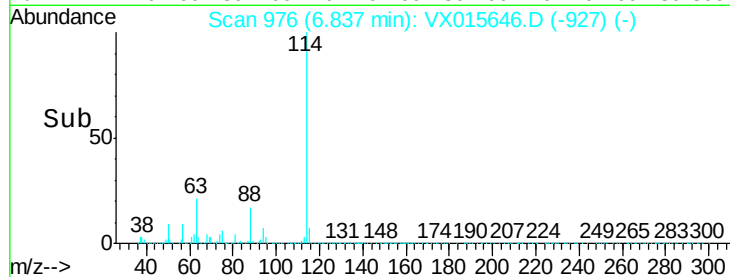
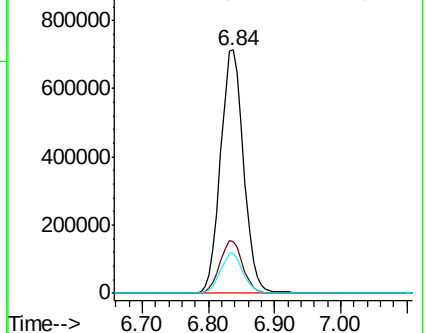
88 16.6 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.105 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

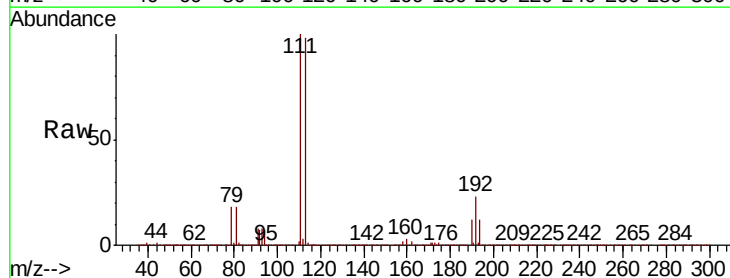
Tgt Ion:113 Resp: 520753

Ion Ratio Lower Upper

113 100

111 102.4 81.5 122.3

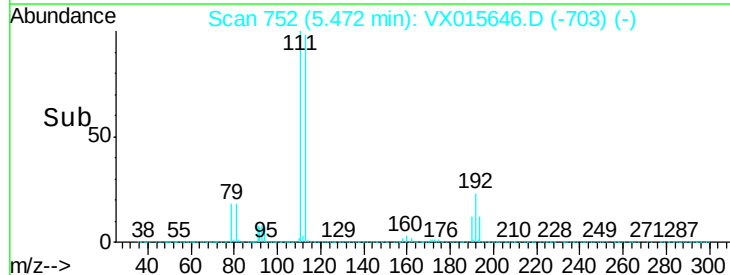
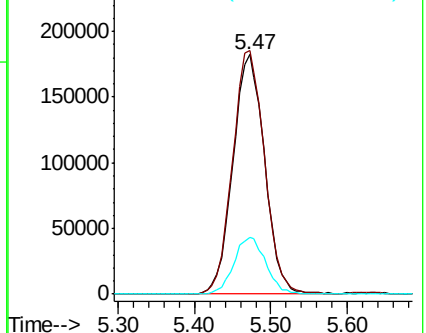
192 24.1 17.8 26.6

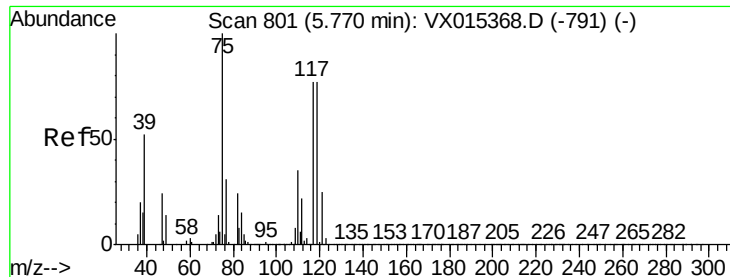


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

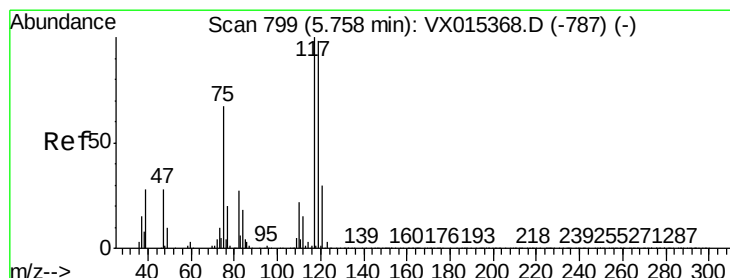
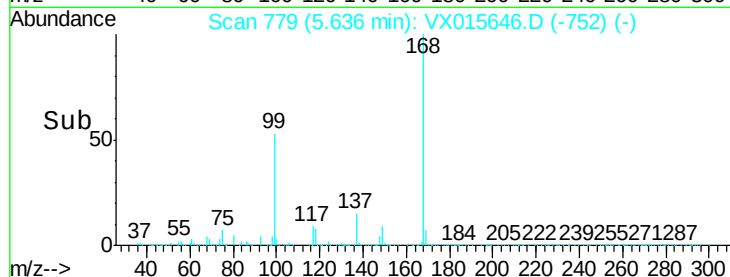
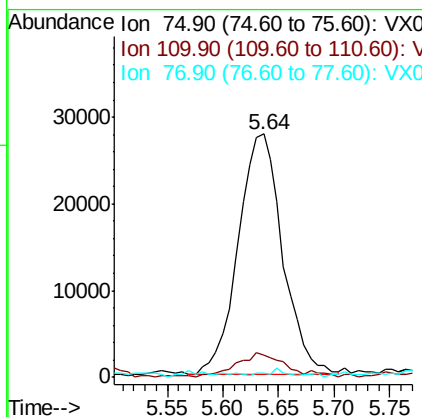
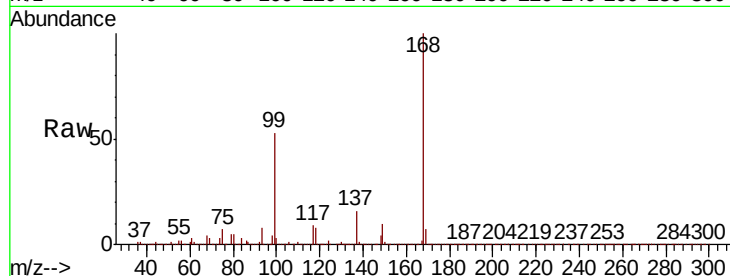




#36  
 1,1-Dichloropropene  
 Concen: 4.858 ug/l  
 RT: 5.64 min Scan# 779  
 Delta R.T. -0.13 min  
 Lab File: VX015646.D  
 Acq: 13 Apr 2020 16:49

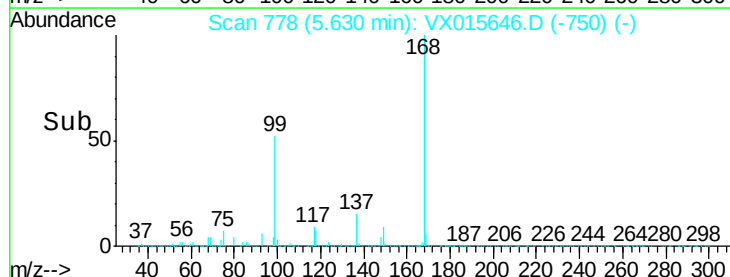
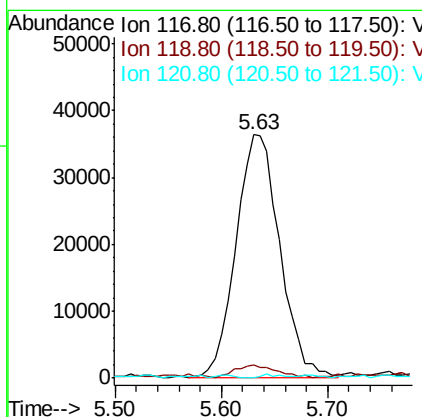
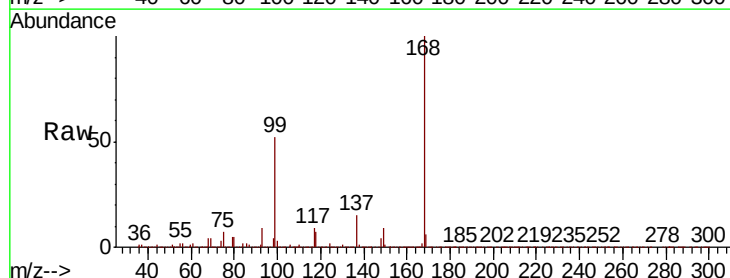
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ST008MW167-200406DL

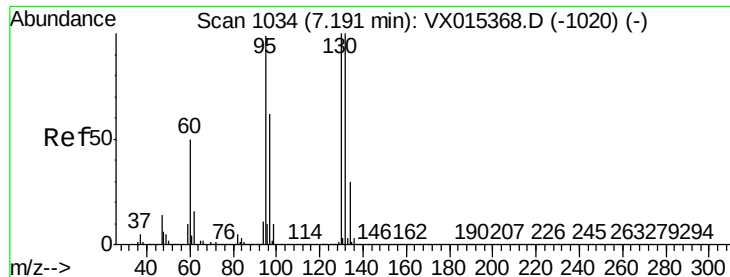
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 10.4  | 17.1  | 51.3# |
| 77      | 1.0   | 24.6  | 36.8# |



#38  
 Carbon Tetrachloride  
 Concen: 6.116 ug/l  
 RT: 5.63 min Scan# 778  
 Delta R.T. -0.13 min  
 Lab File: VX015646.D  
 Acq: 13 Apr 2020 16:49

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 3.8   | 78.0  | 117.0# |
| 121     | 0.0   | 23.8  | 35.8#  |





#44

Trichloroethene

Concen: 2.498 ug/l

RT: 7.20 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

Instrument :

MSVOA\_X

ClientSampleId :

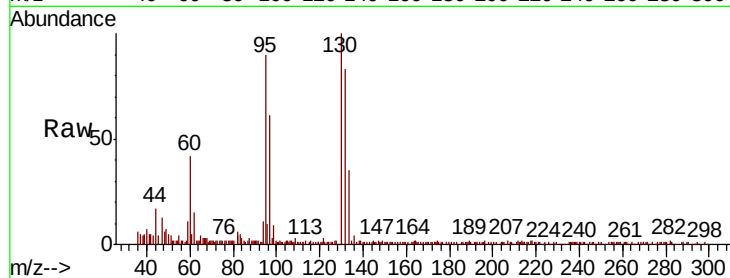
ST008MW167-200406DL

Tot Ion:130 Resp: 31803

Ion Ratio Lower Upper

130 100

95 88.4 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

15000

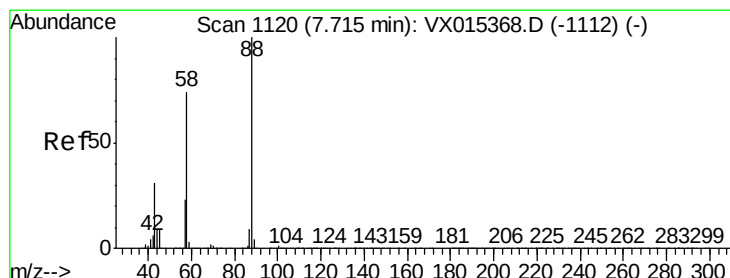
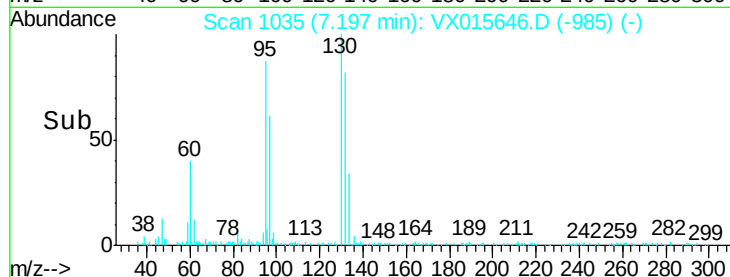
10000

5000

0

7.10 7.15 7.20 7.25

Time-->



#49

1,4-Dioxane

Concen: 3.413 ug/l

RT: 7.71 min Scan# 1119

Delta R.T. -0.01 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

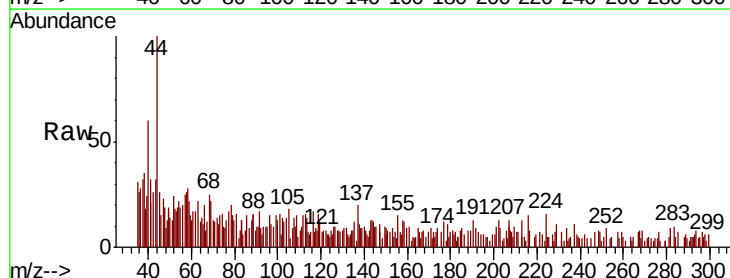
Tgt Ion: 88 Resp: 1114

Ion Ratio Lower Upper

88 100

43 151.0 30.1 45.1#

58 79.9 60.6 90.8



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

1500

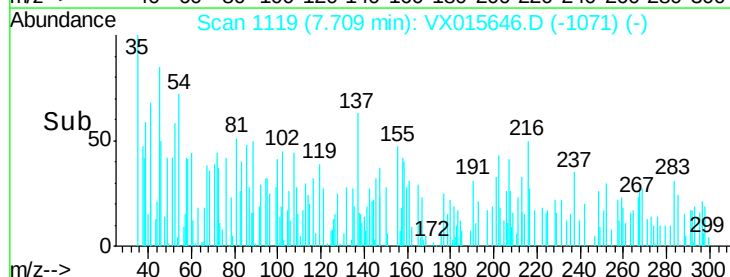
1000

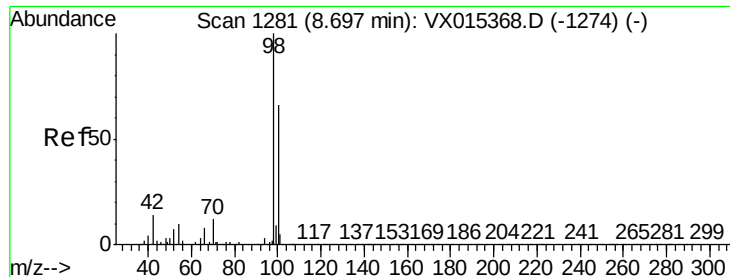
500

0

7.66 7.68 7.70 7.72

Time-->

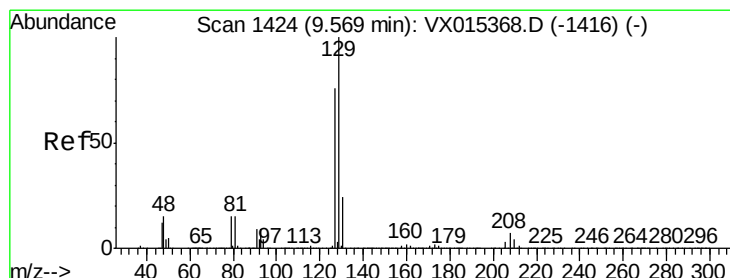
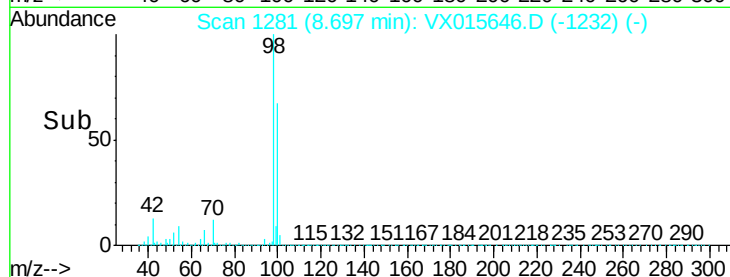
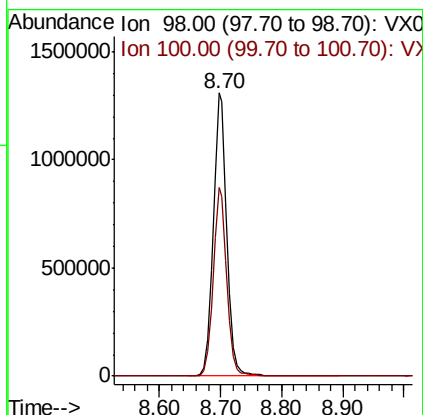
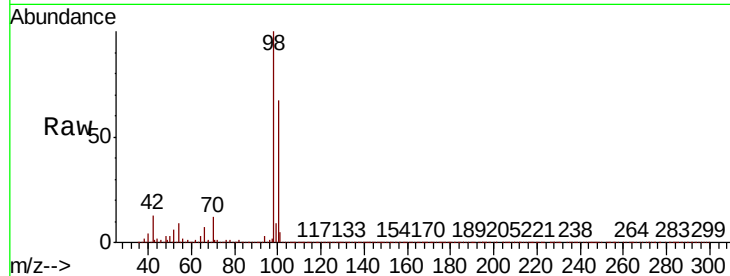




#50  
Toluene-d8  
Concen: 50.985 ug/l  
RT: 8.70 min Scan# 1281  
Delta R.T. 0.00 min  
Lab File: VX015646.D  
Acq: 13 Apr 2020 16:49

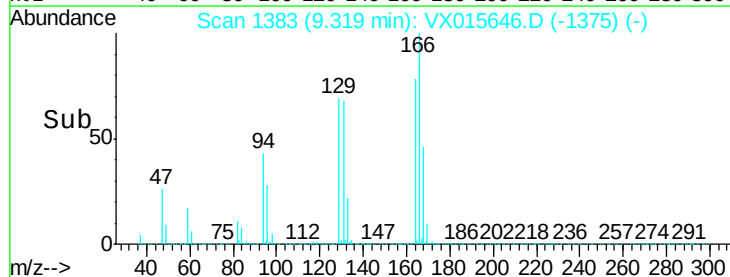
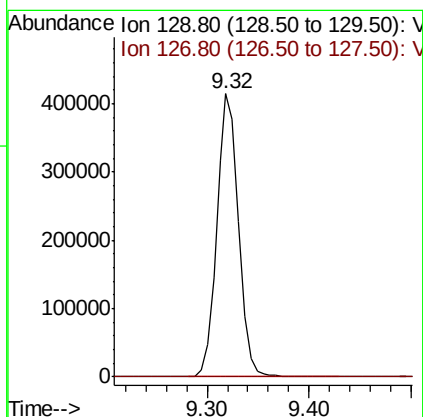
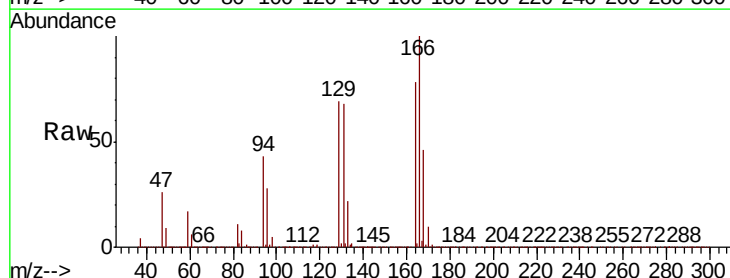
Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW167-200406DL

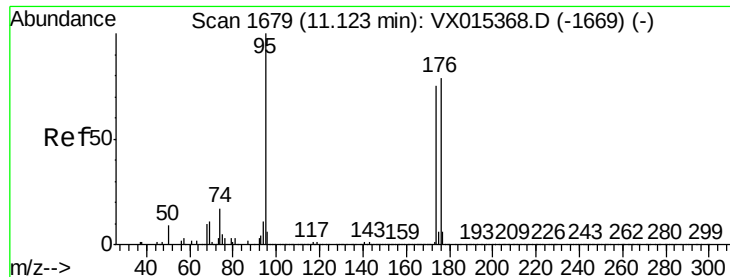
Tot Ion: 98 Resp: 2075204  
Ion Ratio Lower Upper  
98 100  
100 66.7 53.5 80.3



#60  
Dibromochloromethane  
Concen: 43.253 ug/l  
RT: 9.32 min Scan# 1383  
Delta R.T. -0.25 min  
Lab File: VX015646.D  
Acq: 13 Apr 2020 16:49

Tgt Ion: 129 Resp: 612802  
Ion Ratio Lower Upper  
129 100  
127 0.2 38.2 114.6#





#62

4-Bromofluorobenzene

Concen: 52.215 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

Instrument :

MSVOA\_X

ClientSampleId :

ST008MW167-200406DL

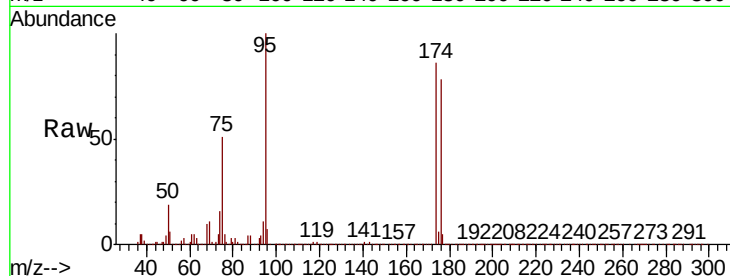
Tot Ion: 95 Resp: 863704

Ion Ratio Lower Upper

95 100

174 83.1 0.0 158.6

176 83.0 0.0 159.0

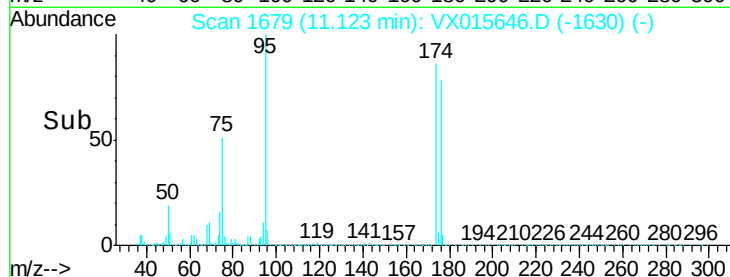


Abundance Ion 94.90 (94.60 to 95.60): VX015368.D (-1669) (-)

Ion 173.80 (173.50 to 174.50): VX015368.D (-1669) (-)

Ion 175.80 (175.50 to 176.50): VX015368.D (-1669) (-)

Time-->

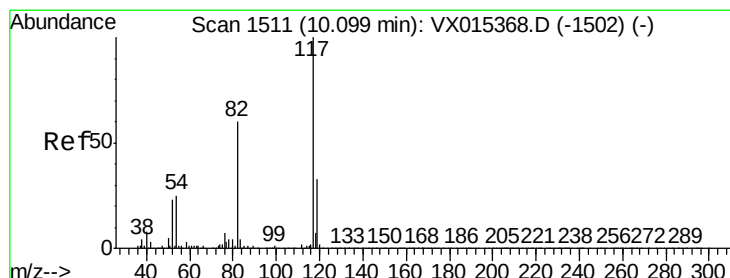


Abundance Ion 94.90 (94.60 to 95.60): VX015646.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015646.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015646.D (-1630) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

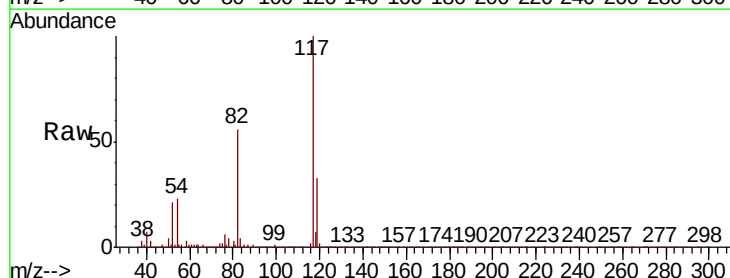
Tgt Ion: 117 Resp: 1652137

Ion Ratio Lower Upper

117 100

82 55.9 47.8 71.8

119 33.0 26.8 40.2

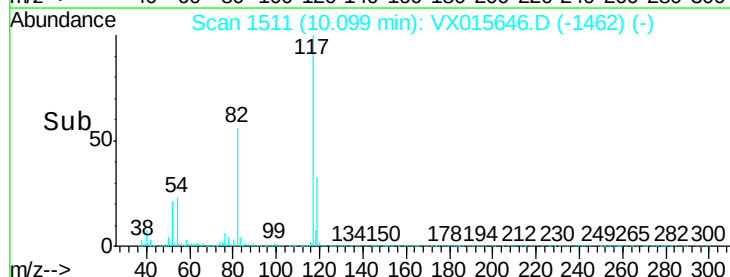


Abundance Ion 116.90 (116.60 to 117.60): VX015368.D (-1502) (-)

Ion 82.00 (81.70 to 82.70): VX015368.D (-1502) (-)

Ion 118.90 (118.60 to 119.60): VX015368.D (-1502) (-)

Time-->

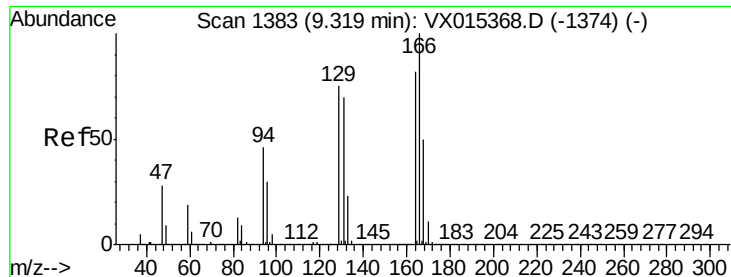


Abundance Ion 116.90 (116.60 to 117.60): VX015646.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015646.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015646.D (-1462) (-)

Time-->



#64

Tetrachloroethene

Concen: 56.137 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

Instrument :

MSVOA\_X

ClientSampleId :

ST008MW167-200406DL

Tot Ion:164 Resp: 699925

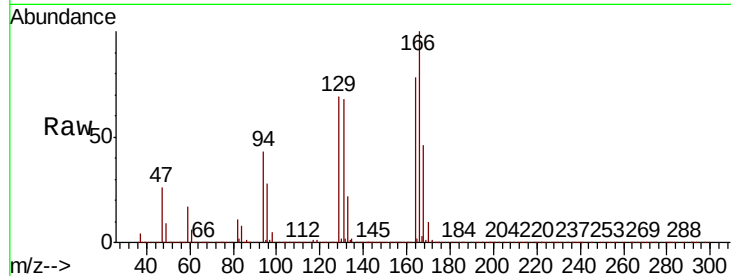
Ion Ratio Lower Upper

164 100

166 128.6 97.8 146.6

129 88.3 73.0 109.4

131 87.0 68.6 103.0

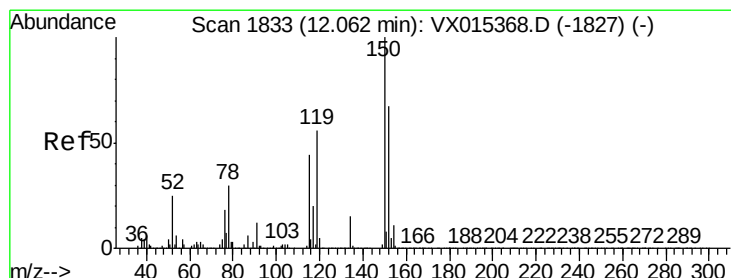
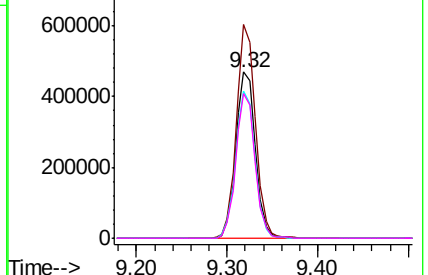
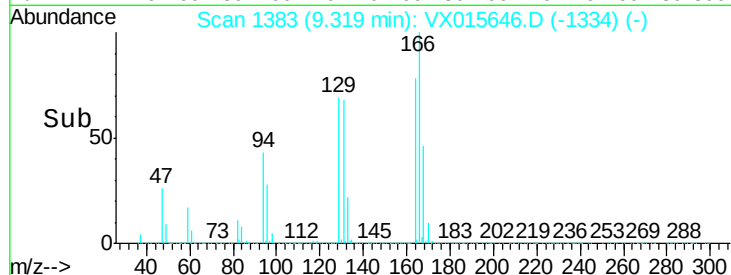


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

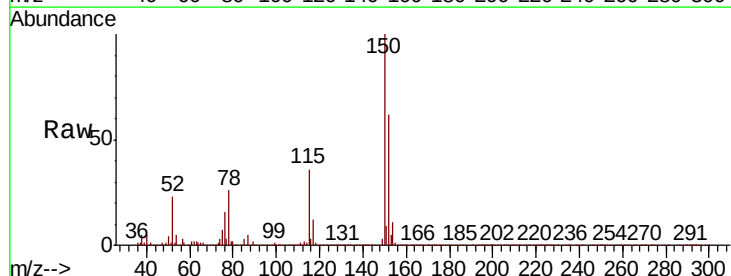
Tgt Ion:152 Resp: 905979

Ion Ratio Lower Upper

152 100

115 56.7 39.0 116.9

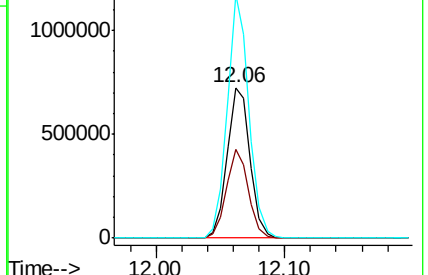
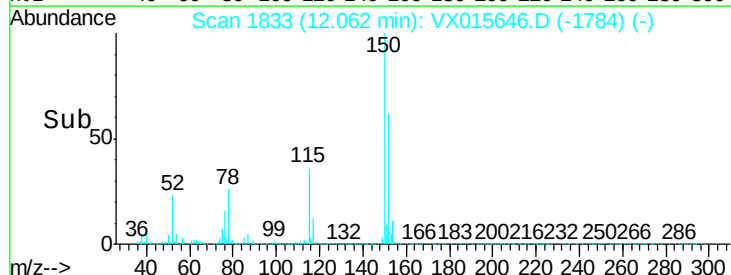
150 152.4 0.0 340.8

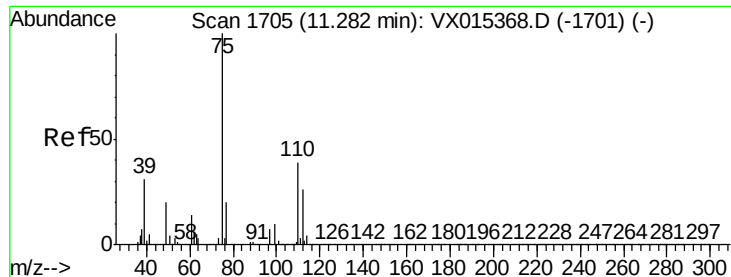


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.251 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

Instrument :

MSVOA\_X

ClientSampleId :

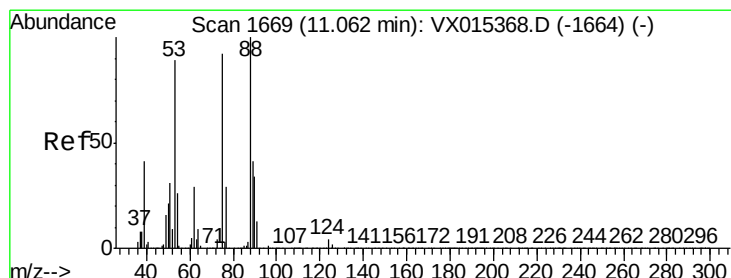
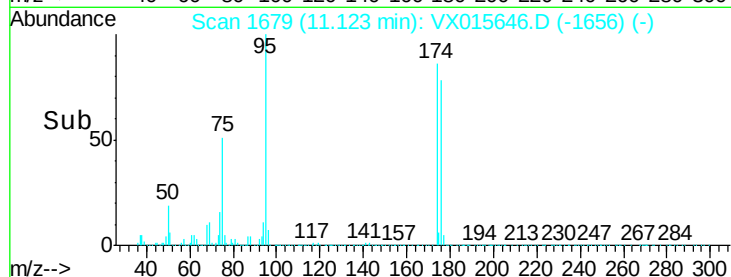
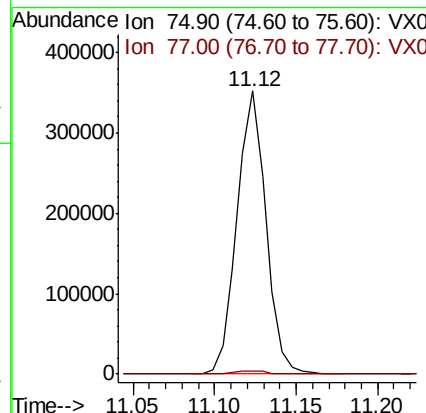
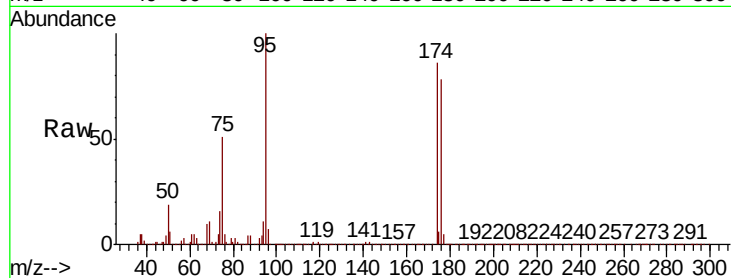
ST008MW167-200406DL

Tot Ion: 75 Resp: 433182

Ion Ratio Lower Upper

75 100

77 1.3 21.2 63.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.790 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

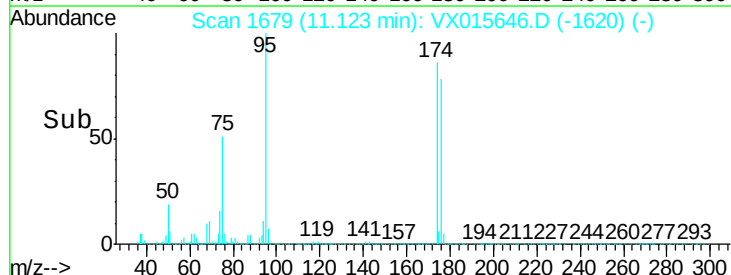
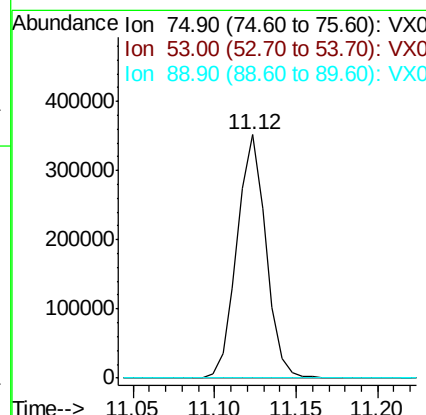
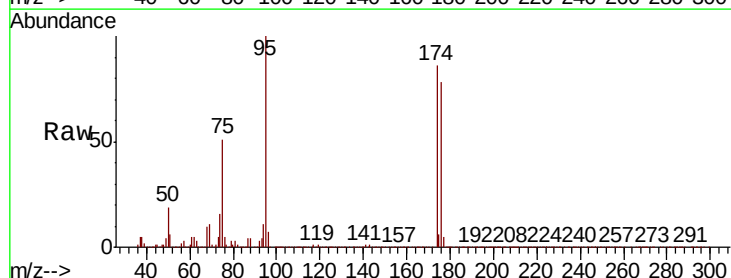
Tgt Ion: 75 Resp: 433182

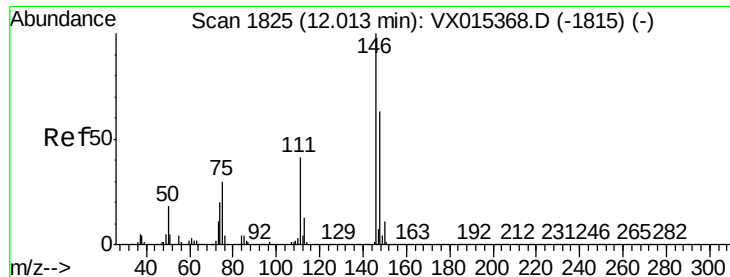
Ion Ratio Lower Upper

75 100

53 0.0 80.1 120.1#

89 0.2 36.1 54.1#





#87

1,3-Dichlorobenzene

Concen: 0.207 ug/l

RT: 12.01 min Scan# 1825

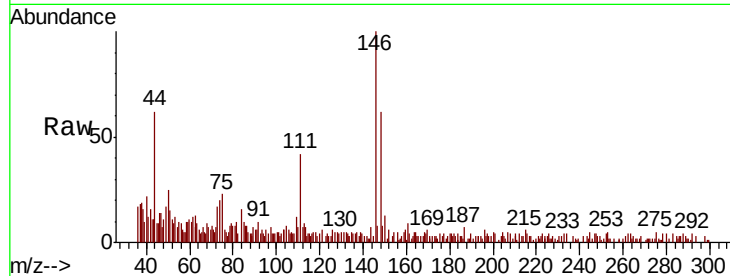
Delta R.T. 0.00 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW167-200406DL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.0  | 20.3  | 60.9  |
| 148     | 70.7  | 31.3  | 93.9  |

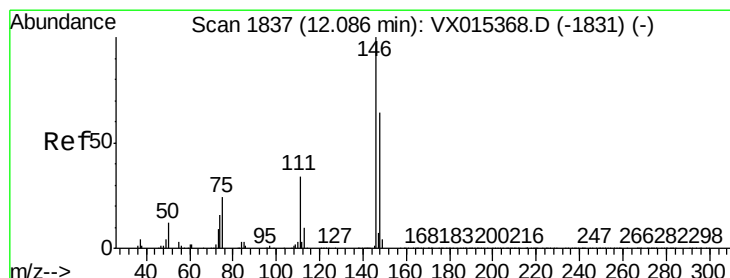
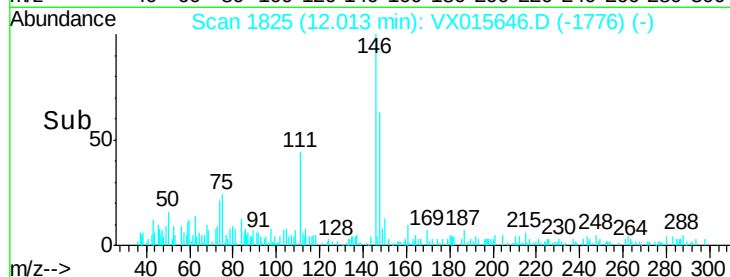
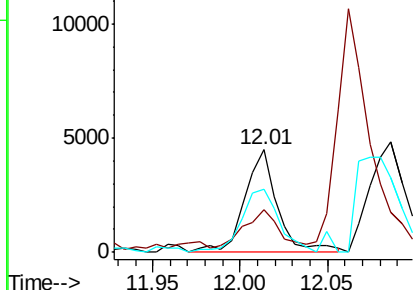


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 0.203 ug/l

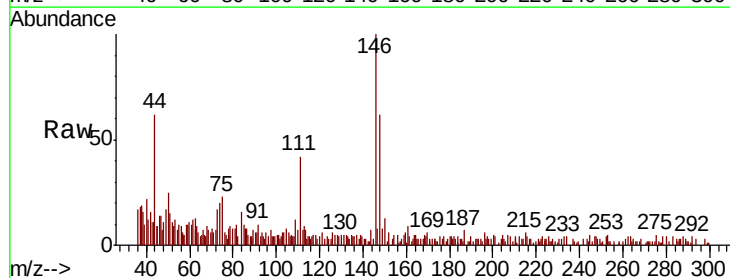
RT: 12.01 min Scan# 1825

Delta R.T. -0.07 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.0  | 19.1  | 57.5  |
| 148     | 70.7  | 32.4  | 97.2  |

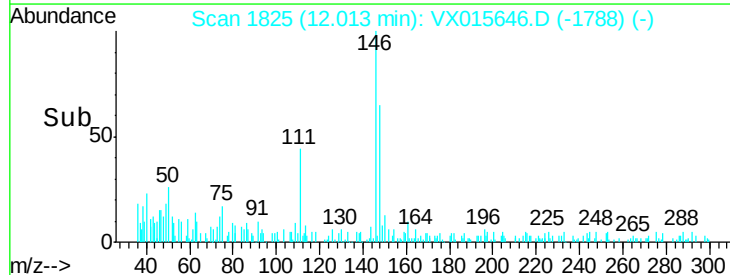
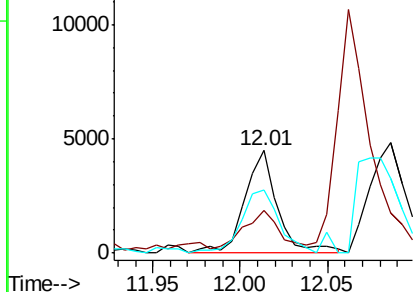


Abundance

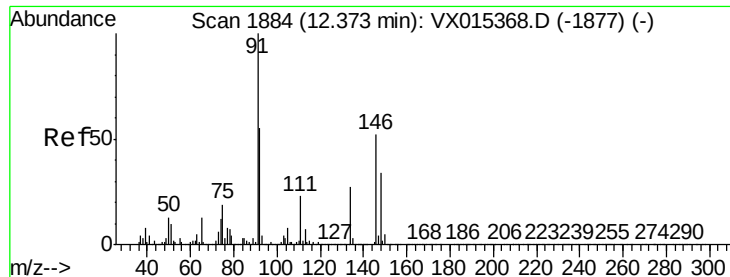
Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



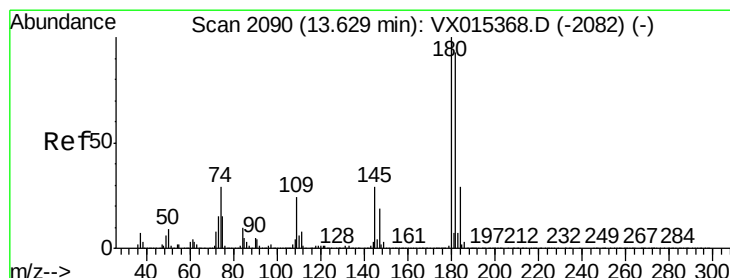
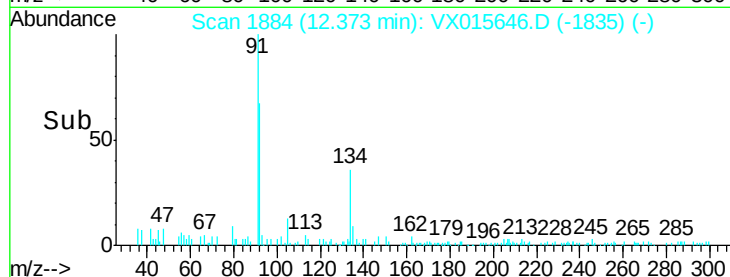
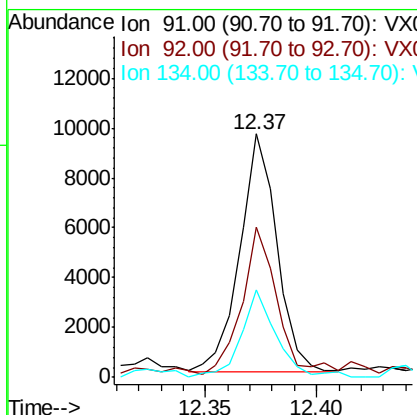
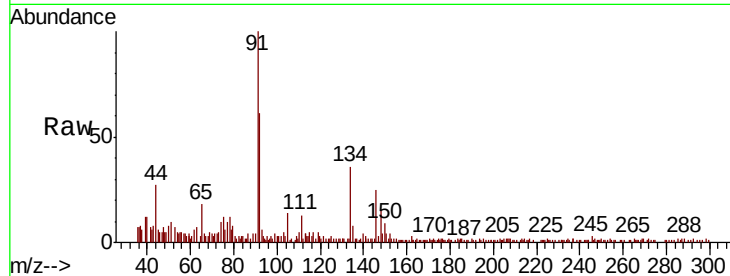




#89  
n-Butylbenzene  
Concen: 0.231 ug/l  
RT: 12.37 min Scan# 1884  
Delta R.T. 0.00 min  
Lab File: VX015646.D  
Acq: 13 Apr 2020 16:49

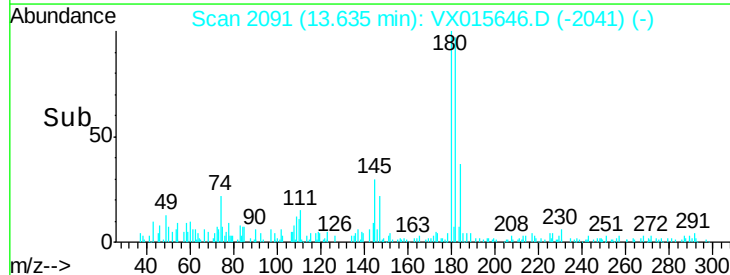
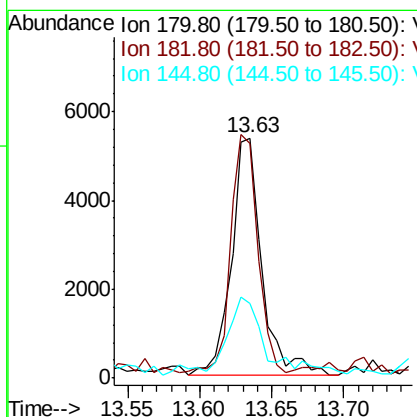
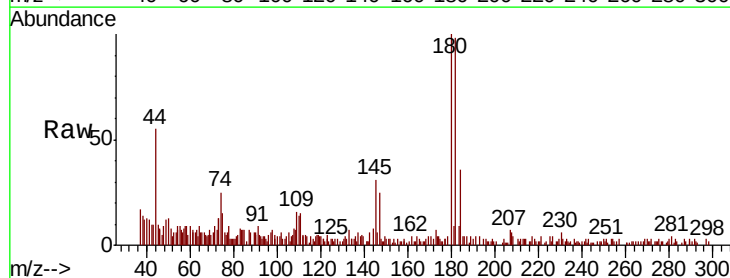
Instrument :  
MSVOA\_X  
ClientSampleId :  
ST008MW167-200406DL

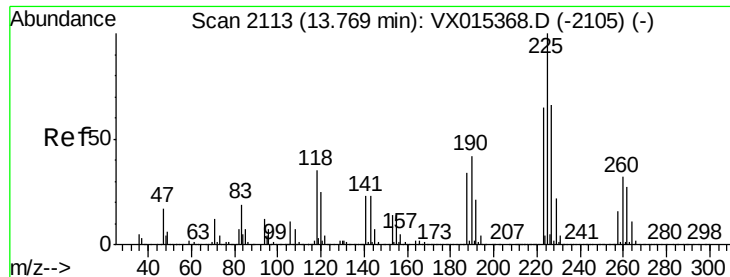
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 91    | Resp: | 11115 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 57.1  | 27.2  | 81.5  |
| 134      | 35.0  | 13.4  | 40.2  |



#93  
1,2,4-Trichlorobenzene  
Concen: 0.362 ug/l  
RT: 13.63 min Scan# 2091  
Delta R.T. 0.01 min  
Lab File: VX015646.D  
Acq: 13 Apr 2020 16:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 7954  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 90.2  | 46.9  | 140.7 |
| 145      | 39.5  | 14.9  | 44.5  |





#94

Hexachlorobutadiene

Concen: 0.447 ug/l

RT: 13.77 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

Instrument :

MSVOA\_X

ClientSampleId :

ST008MW167-200406DL

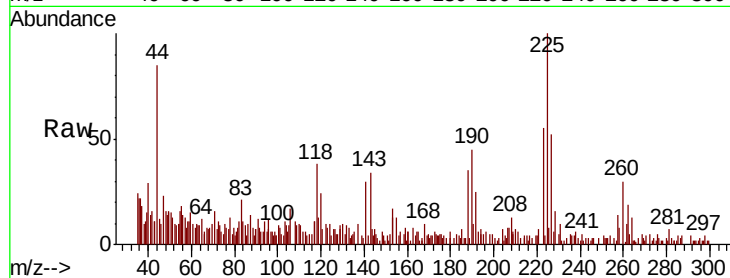
Tot Ion:225 Resp: 4669

Ion Ratio Lower Upper

225 100

223 62.0 31.9 95.7

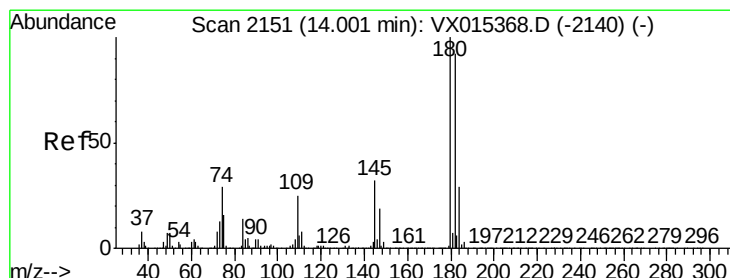
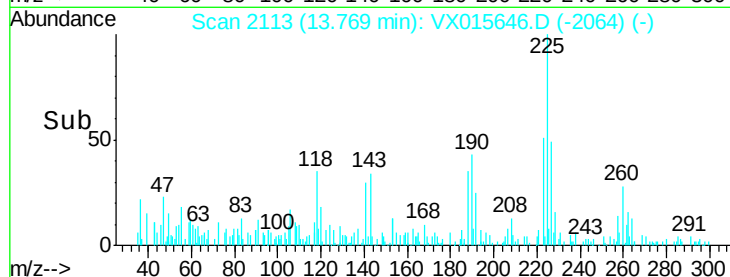
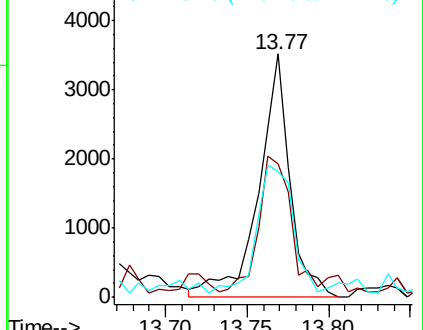
227 67.2 30.4 91.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#96

1,2,3-Trichlorobenzene

Concen: 0.331 ug/l

RT: 14.01 min Scan# 2152

Delta R.T. 0.01 min

Lab File: VX015646.D

Acq: 13 Apr 2020 16:49

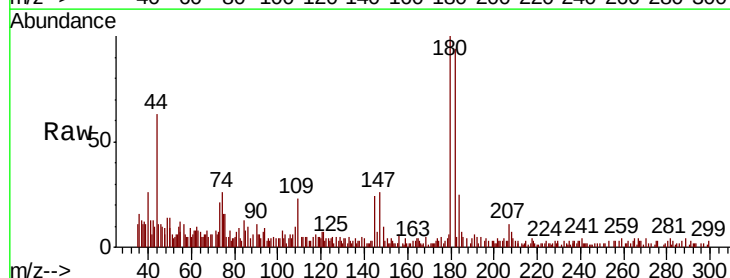
Tgt Ion:180 Resp: 6990

Ion Ratio Lower Upper

180 100

182 89.6 46.7 140.0

145 26.5 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

