

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\  
 Data File : VX010261.D  
 Acq On : 12 Jun 2019 19:18  
 Operator : JC/SP  
 Sample : K3315-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jun 13 01:29:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060719W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 08 02:12:13 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 304786   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 461731   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 413355   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 193118   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 138060   | 46.41 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.82%  |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 142636   | 50.08 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.16% |          |
| 50) Toluene-d8              | 8.71  | 98   | 543389   | 50.91 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.82% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 182316   | 45.74 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 91.48%  |          |

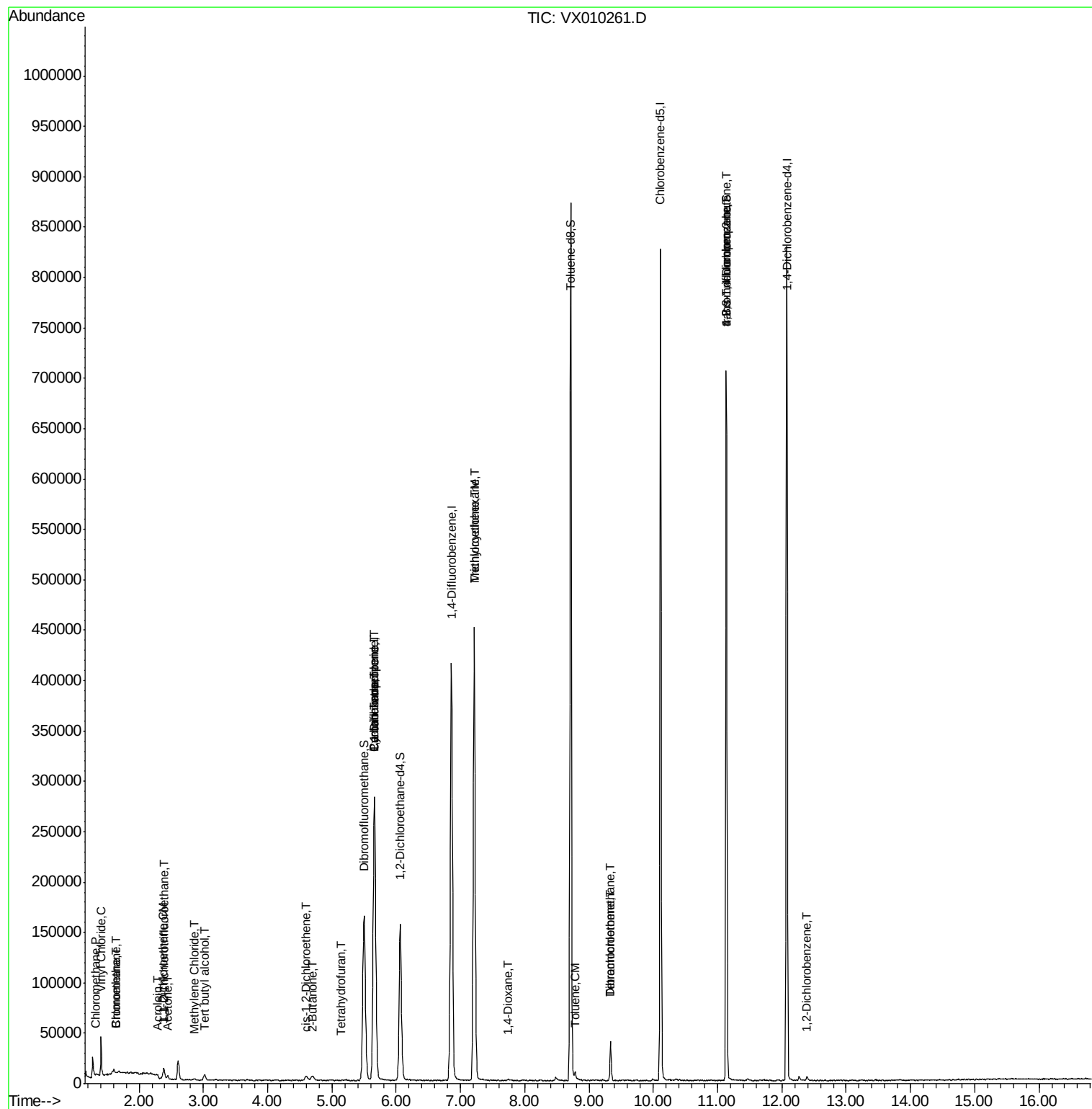
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 3) Chloromethane               | 1.33  | 50   | 1293     | 0.464  | ug/l   | 91     |
| 4) Vinyl Chloride              | 1.41  | 62   | 24791    | 9.471  | ug/l   | 99     |
| 5) Bromomethane                | 1.65  | 94   | 348      | 0.352  | ug/l # | 16     |
| 6) Chloroethane                | 1.64  | 64   | 900      | 0.682  | ug/l # | 75     |
| 9) 1,1,2-Trichlorotrifluoroet  | 2.39  | 101  | 3836     | 1.431  | ug/l   | 95     |
| 11) Tert butyl alcohol         | 3.02  | 59   | 3165     | 4.343  | ug/l # | 85     |
| 12) 1,1-Dichloroethene         | 2.37  | 96   | 907      | 0.331  | ug/l # | 57     |
| 13) Acrolein                   | 2.29  | 56   | 257      | 1.934  | ug/l # | 1      |
| 16) Acetone                    | 2.44  | 43   | 3963     | 2.832  | ug/l   | 90     |
| 20) Methylene Chloride         | 2.85  | 84   | 838      | 0.273  | ug/l # | 50     |
| 25) 2-Butanone                 | 4.69  | 43   | 561      | 0.269  | ug/l # | 55     |
| 27) cis-1,2-Dichloroethene     | 4.60  | 96   | 2922     | 0.867  | ug/l   | 73     |
| 29) Tetrahydrofuran            | 5.14  | 42   | 312      | 0.238  | ug/l # | 39     |
| 31) Cyclohexane                | 5.67  | 56   | 5431     | 1.254  | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 5.66  | 75   | 18256    | 4.846  | ug/l # | 52     |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 25521    | 5.985  | ug/l # | 15     |
| 39) Methylcyclohexane          | 7.21  | 83   | 1991     | 0.388  | ug/l # | 1      |
| 44) Trichloroethene            | 7.21  | 130  | 185751   | 52.903 | ug/l   | 84     |
| 49) 1,4-Dioxane                | 7.74  | 88   | 1257     | 14.385 | ug/l # | 78     |
| 52) Toluene                    | 8.79  | 92   | 2444     | 0.319  | ug/l   | 91     |
| 60) Dibromochloromethane       | 9.34  | 129  | 7060     | 1.903  | ug/l # | 11     |
| 64) Tetrachloroethene          | 9.34  | 164  | 7963     | 2.594  | ug/l   | 97     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 84015    | 21.750 | ug/l # | 34     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 84015    | 48.055 | ug/l # | 10     |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 1407     | 0.222  | ug/l   | 92     |

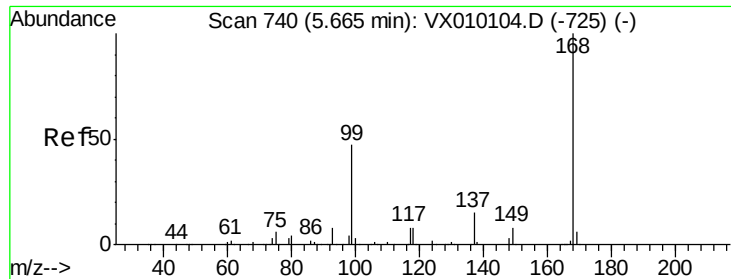
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061219\  
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Instrument :  
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ClientSampleId :

Quant Time: Jun 13 01:29:27 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X060719W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 08 02:12:13 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

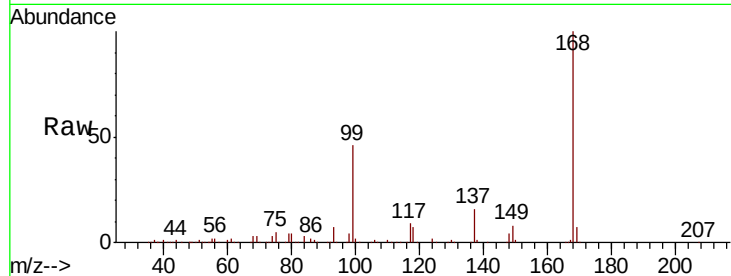
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:168 Resp: 304786

Ion Ratio Lower Upper

168 100

99 45.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

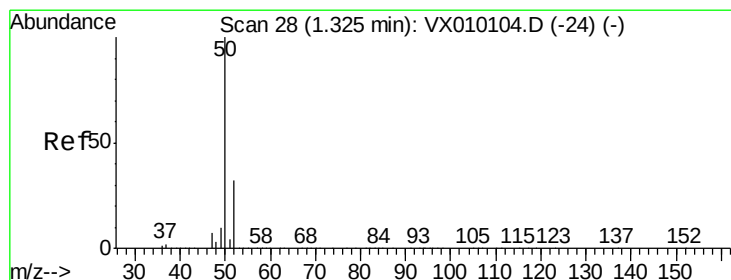
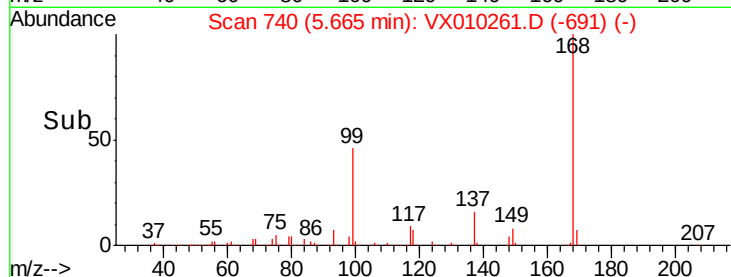
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.464 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010261.D

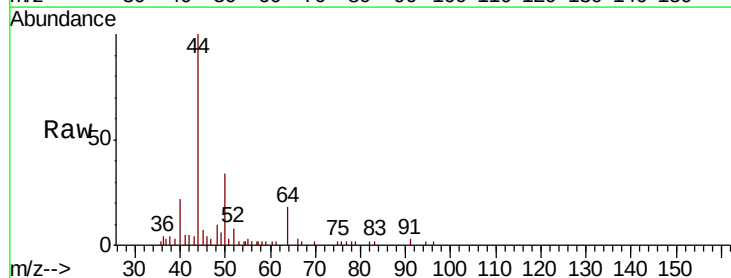
Acq: 12 Jun 2019 19:18

Tgt Ion: 50 Resp: 1293

Ion Ratio Lower Upper

50 100

52 27.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

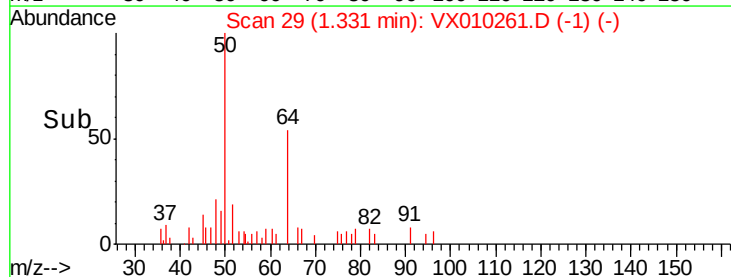
1.33

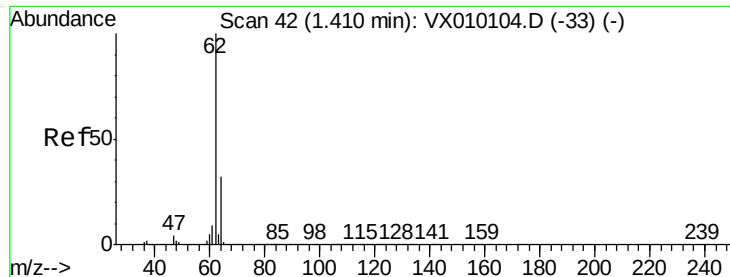
1000

500

0

Time--> 1.30 1.35





#4

Vinyl Chloride

Concen: 9.471 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

Instrument :

MSVOA\_X

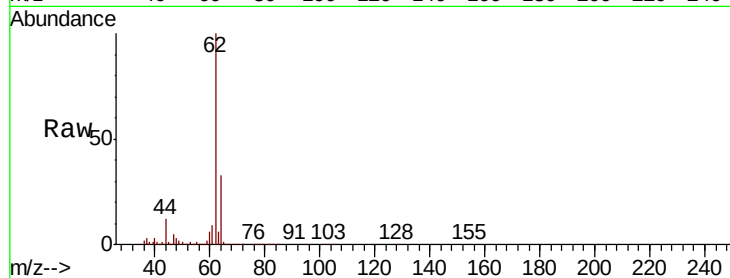
ClientSampleId :

Tot Ion: 62 Resp: 24791

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

25000

20000

15000

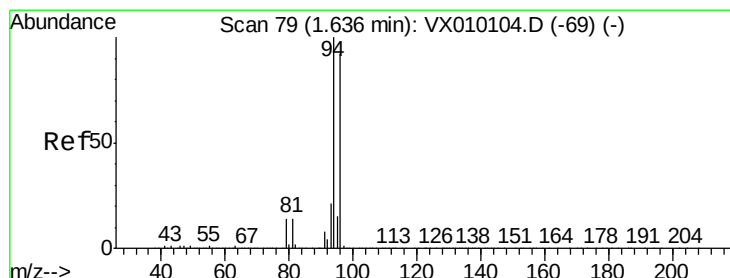
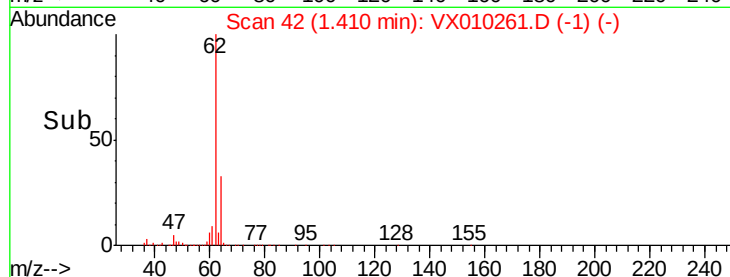
10000

5000

0

Time-->

1.35 1.40 1.45



#5

Bromomethane

Concen: 0.352 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010261.D

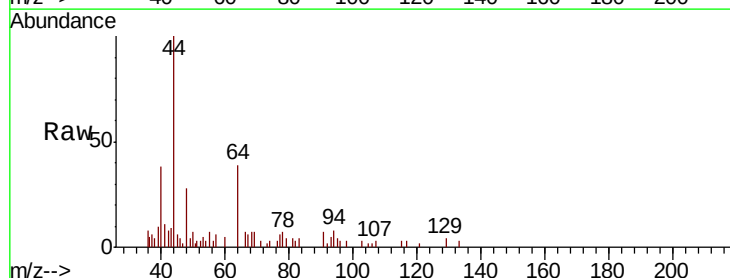
Acq: 12 Jun 2019 19:18

Tgt Ion: 94 Resp: 348

Ion Ratio Lower Upper

94 100

96 13.4 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

200

150

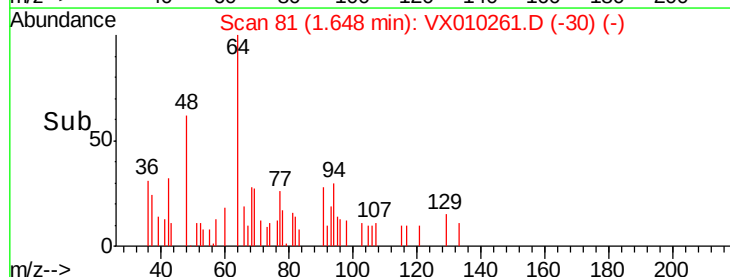
100

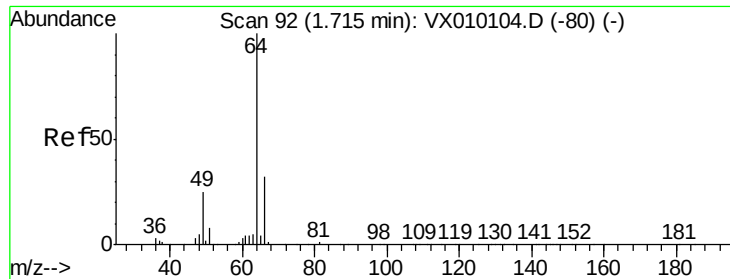
50

0

Time-->

1.60 1.62 1.64 1.66 1.68





#6

Chloroethane

Concen: 0.682 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.07 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

Instrument :

MSVOA\_X

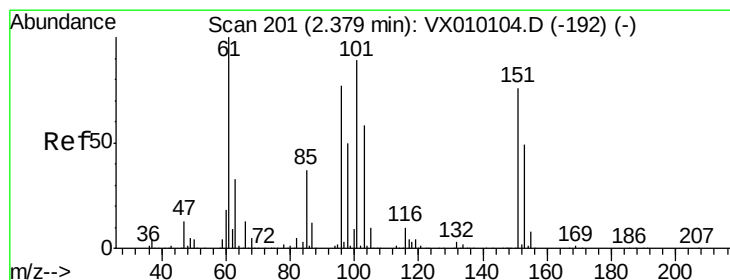
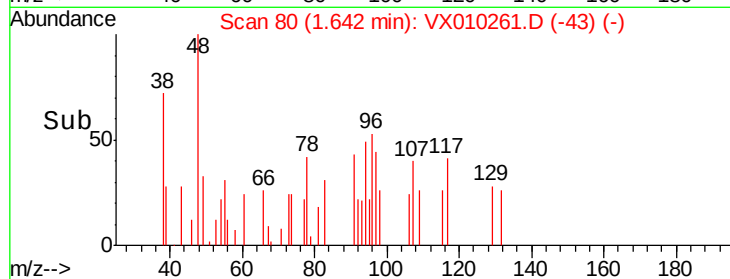
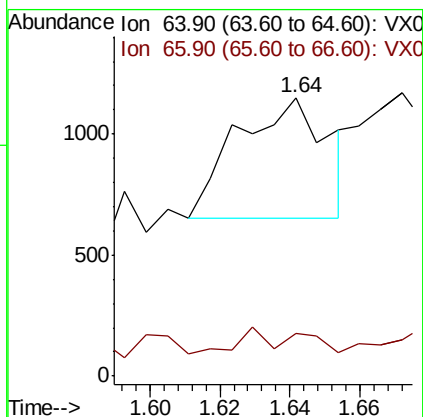
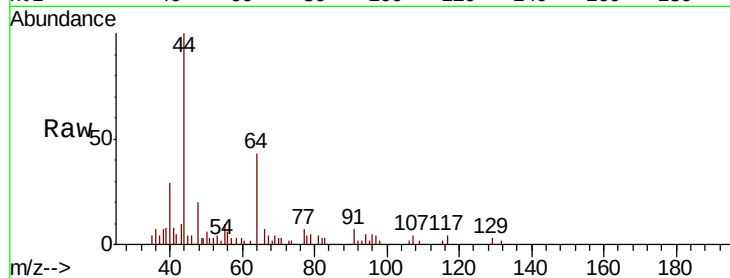
ClientSampleId :

Tot Ion: 64 Resp: 900

Ion Ratio Lower Upper

64 100

66 17.6 25.1 37.7#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.431 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

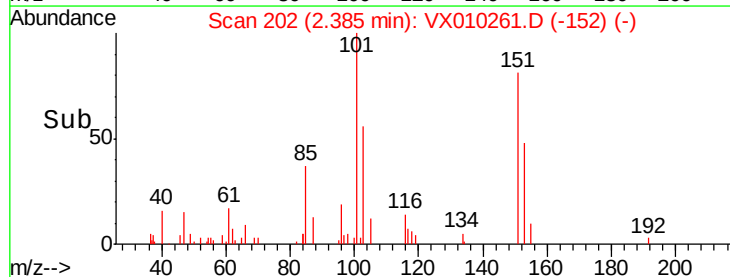
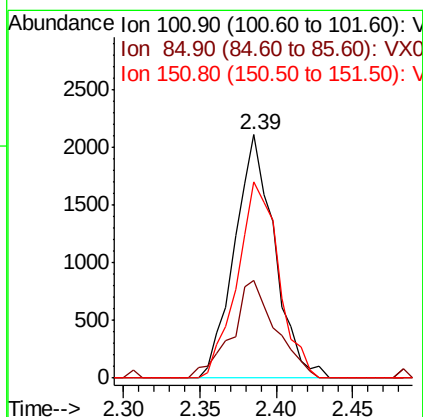
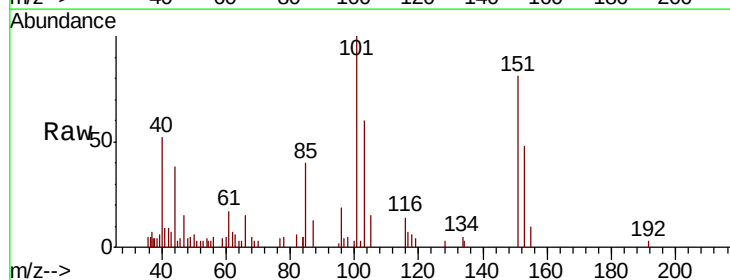
Tgt Ion: 101 Resp: 3836

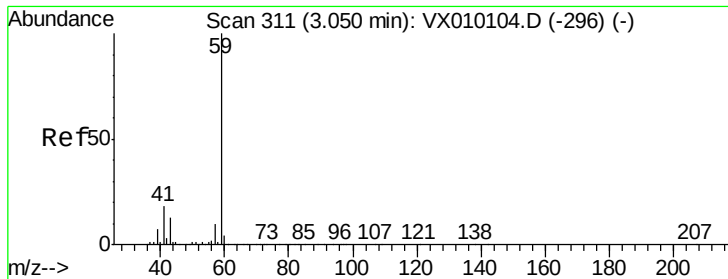
Ion Ratio Lower Upper

101 100

85 44.0 35.2 52.8

151 83.8 61.9 92.9



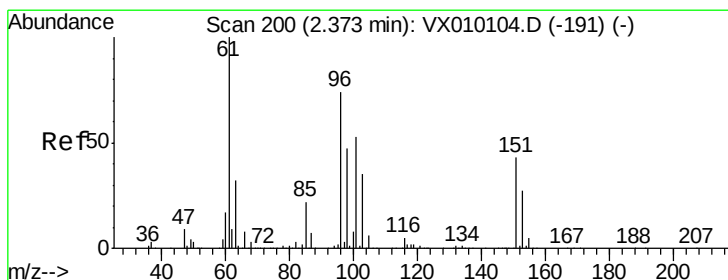
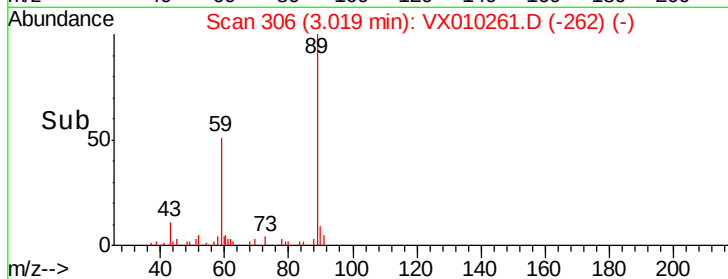
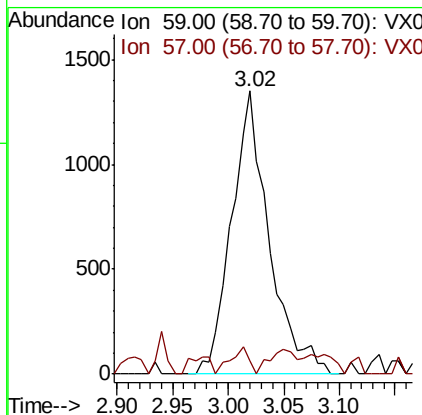
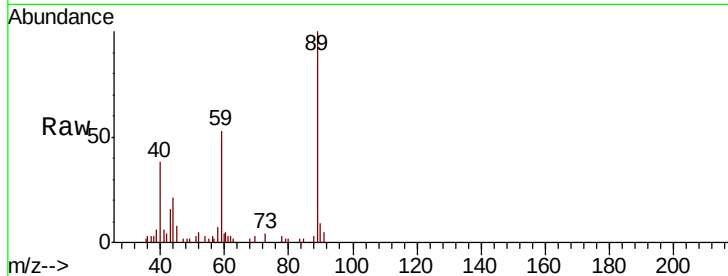


#11

Tert butyl alcohol  
 Concen: 4.343 ug/l  
 RT: 3.02 min Scan# 306  
 Delta R.T. -0.03 min  
 Lab File: VX010261.D  
 Acq: 12 Jun 2019 19:18

Instrument :  
 MSVOA\_X  
 ClientSampled :

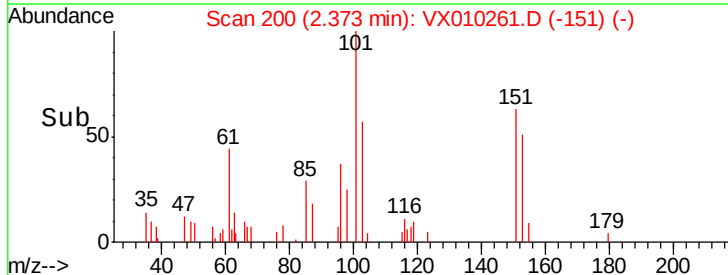
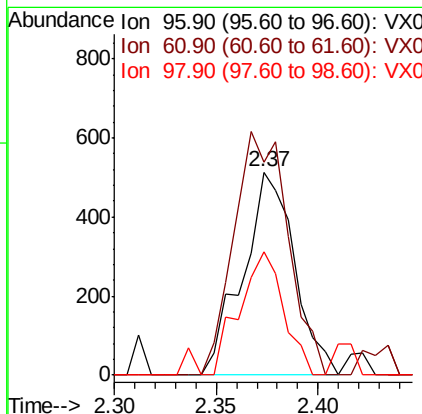
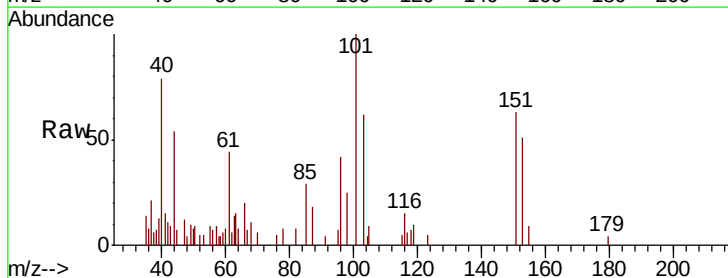
Tot Ion: 59 Resp: 3165  
 Ion Ratio Lower Upper  
 59 100  
 57 4.5 8.2 12.2#

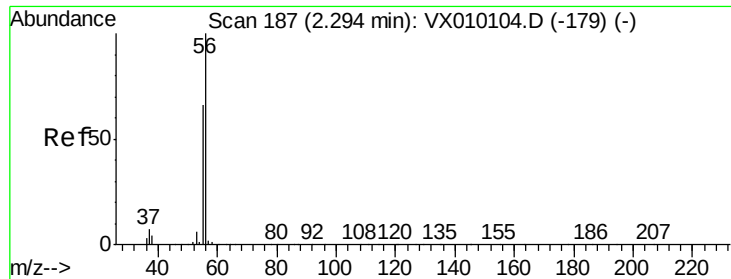


#12

1,1-Dichloroethene  
 Concen: 0.331 ug/l  
 RT: 2.37 min Scan# 200  
 Delta R.T. -0.00 min  
 Lab File: VX010261.D  
 Acq: 12 Jun 2019 19:18

Tgt Ion: 96 Resp: 907  
 Ion Ratio Lower Upper  
 96 100  
 61 104.9 140.7 211.1#  
 98 47.6 50.1 75.1#





#13

Acrolein

Concen: 1.934 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

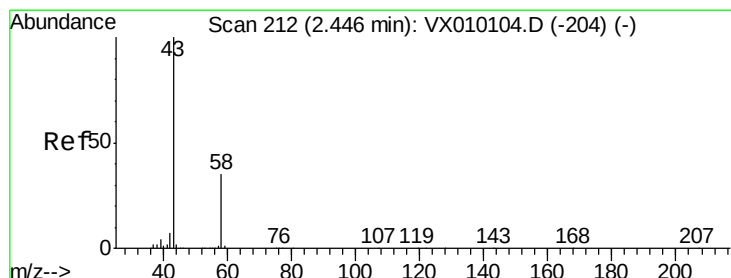
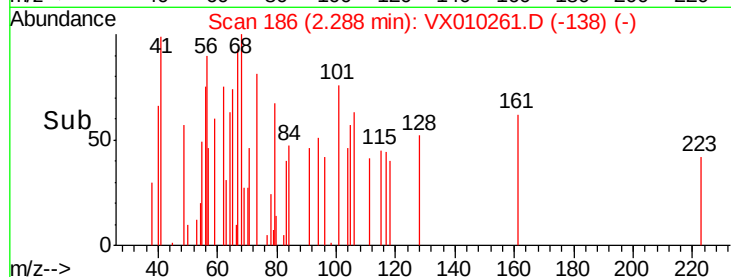
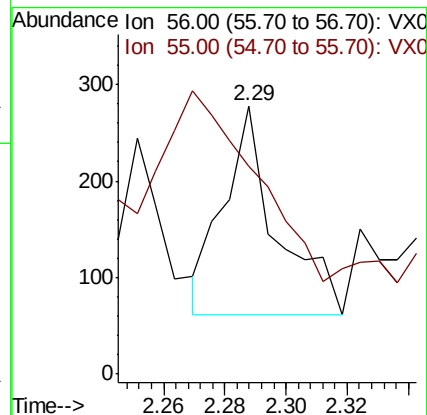
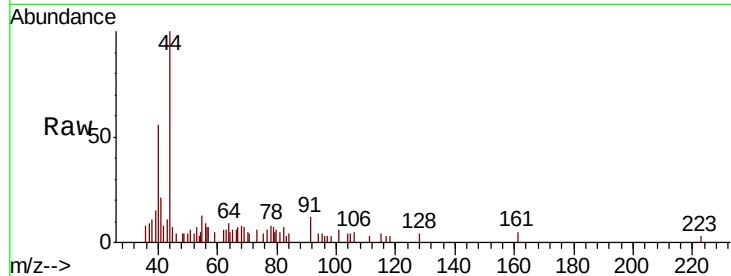
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 56 Resp: 257

Ion Ratio Lower Upper

56 100

55 157.2 57.0 85.4#



#16

Acetone

Concen: 2.832 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010261.D

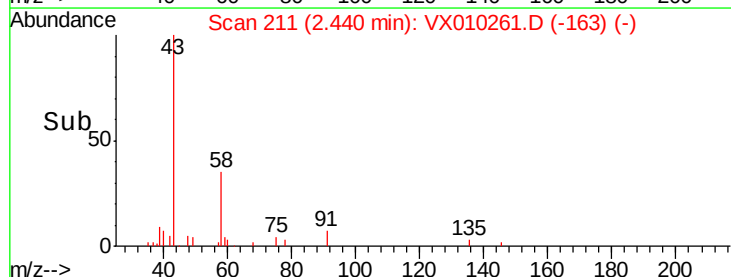
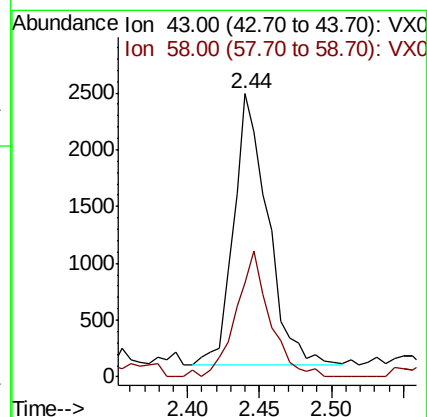
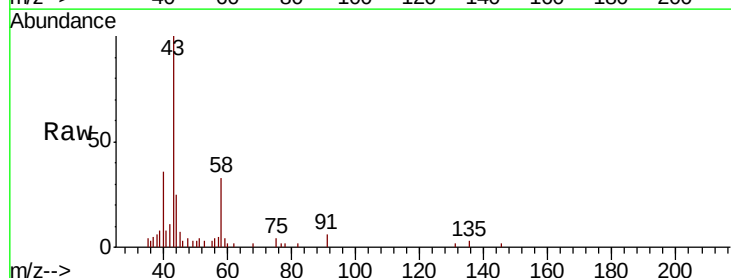
Acq: 12 Jun 2019 19:18

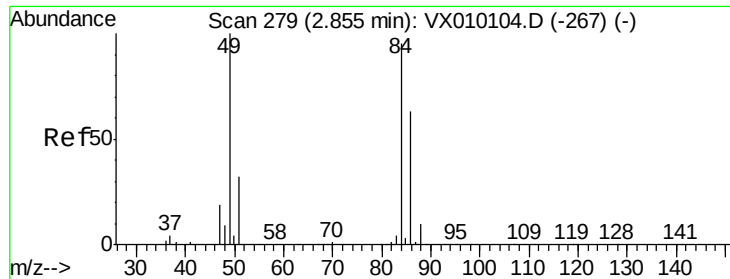
Tgt Ion: 43 Resp: 3963

Ion Ratio Lower Upper

43 100

58 34.5 23.2 34.8

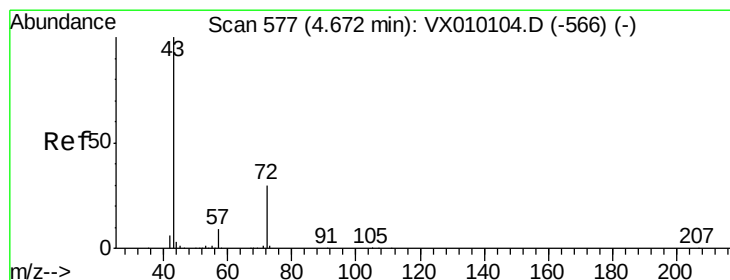
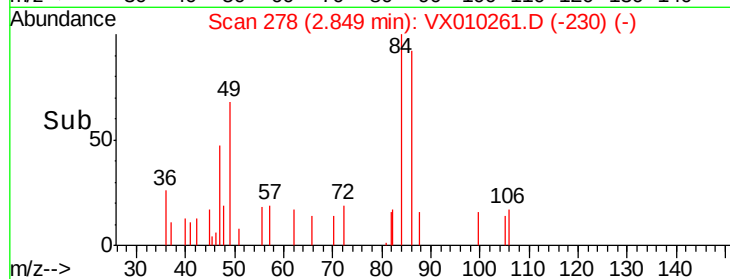
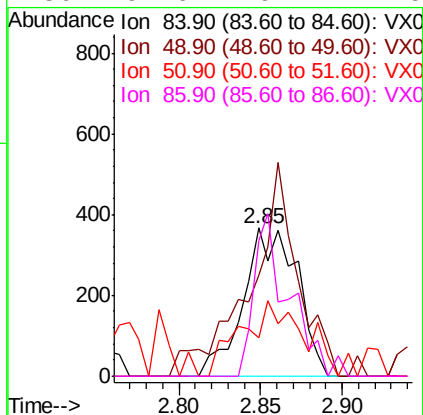
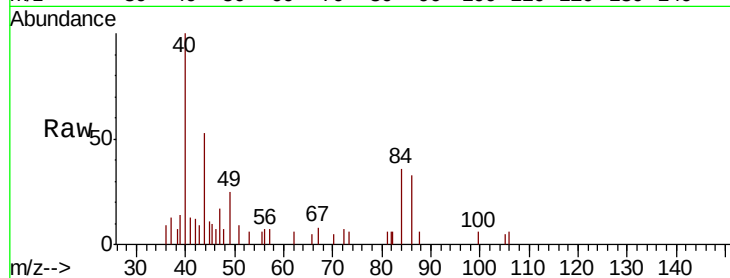




#20  
Methvlene Chloride  
Concen: 0.273 ug/l  
RT: 2.85 min Scan# 278  
Delta R.T. -0.01 min  
Lab File: VX010261.D  
Acq: 12 Jun 2019 19:18

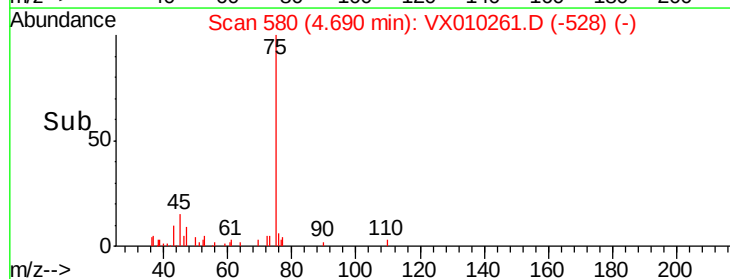
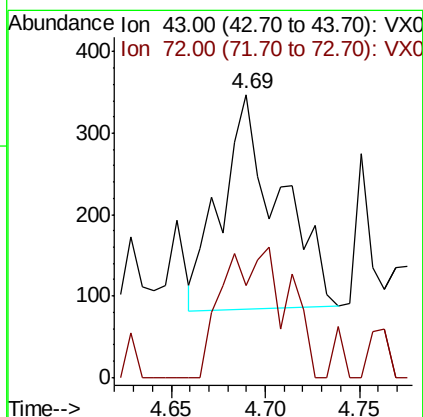
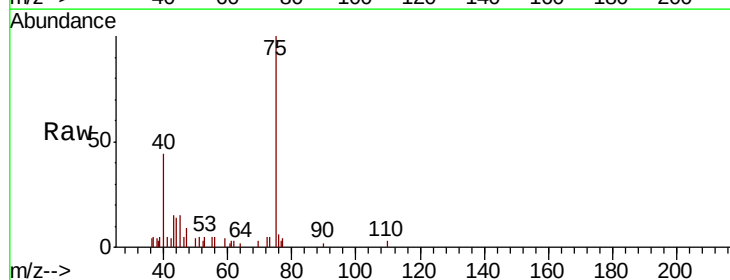
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 84 Resp: 838  
Ion Ratio Lower Upper  
84 100  
49 68.4 115.8 173.6#  
51 25.9 34.4 51.6#  
86 91.6 49.7 74.5#

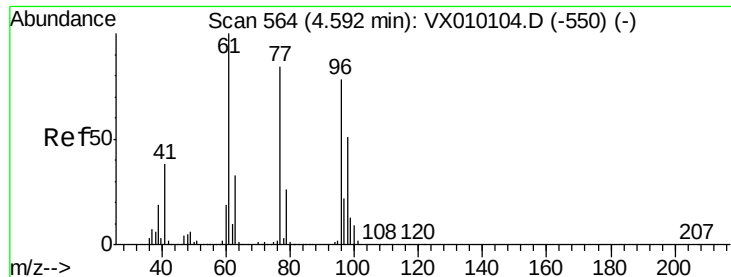


#25  
2-Butanone  
Concen: 0.269 ug/l  
RT: 4.69 min Scan# 580  
Delta R.T. 0.02 min  
Lab File: VX010261.D  
Acq: 12 Jun 2019 19:18

Tgt Ion: 43 Resp: 561  
Ion Ratio Lower Upper  
43 100  
72 43.1 17.5 26.3#





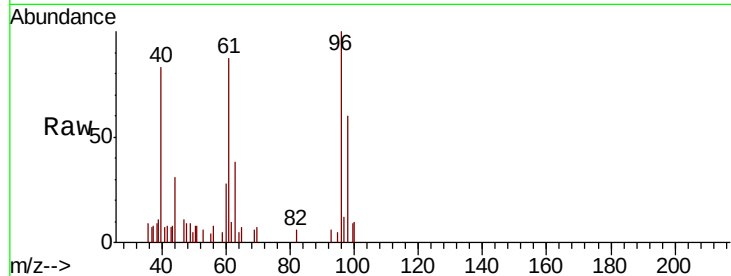


#27

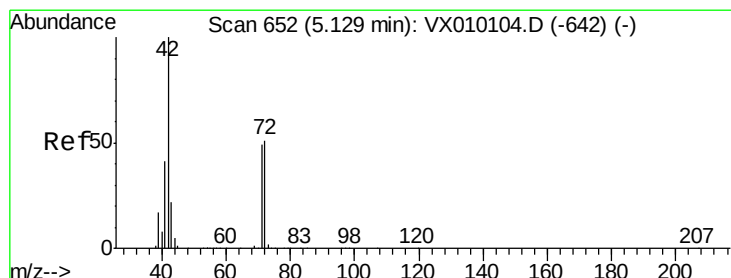
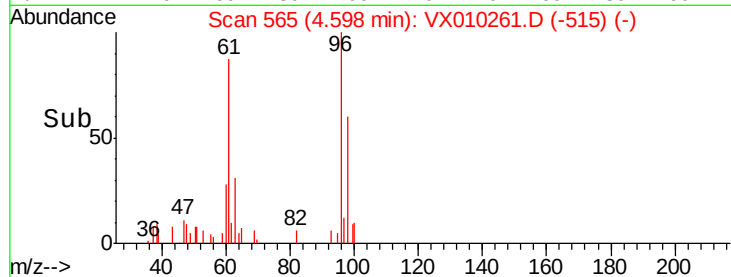
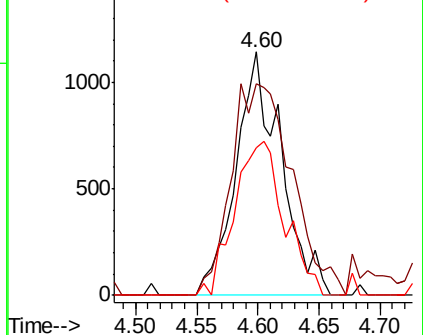
cis-1,2-Dichloroethene  
 Concen: 0.867 ug/l  
 RT: 4.60 min Scan# 565  
 Delta R.T. 0.01 min  
 Lab File: VX010261.D  
 Acq: 12 Jun 2019 19:18

Instrument :  
 MSVOA\_X  
 ClientSampled :

| Tot Ion | 96    | Resp  | 2922  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 96      | 100   |       |       |
| 61      | 118.0 | 0.0   | 334.0 |
| 98      | 70.2  | 0.0   | 131.6 |



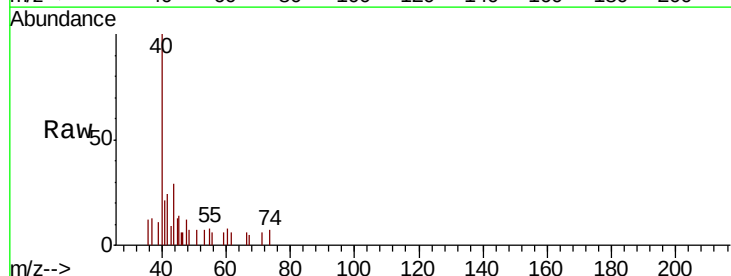
Abundance Ion 95.90 (95.60 to 96.60): VX0  
 Ion 60.90 (60.60 to 61.60): VX0  
 Ion 97.90 (97.60 to 98.60): VX0



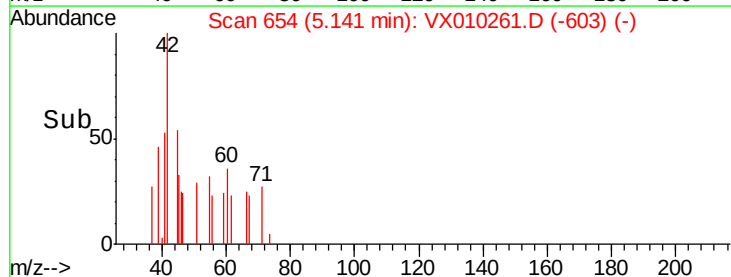
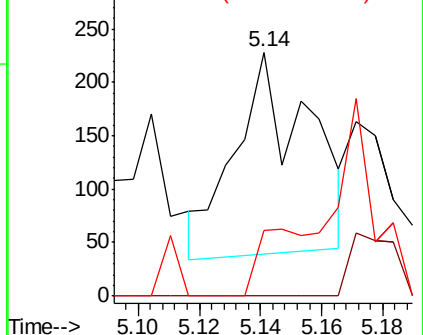
#29

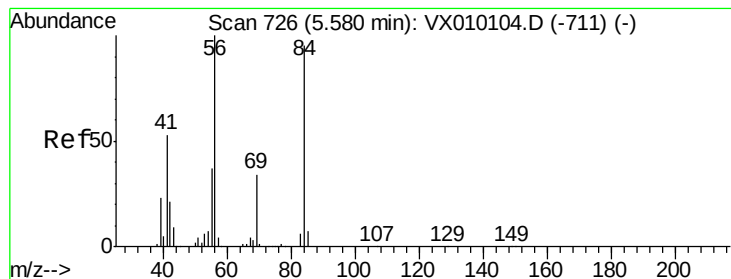
Tetrahydrofuran  
 Concen: 0.238 ug/l  
 RT: 5.14 min Scan# 654  
 Delta R.T. 0.01 min  
 Lab File: VX010261.D  
 Acq: 12 Jun 2019 19:18

| Tgt Ion | 42    | Resp  | 312   |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 42      | 100   |       |       |
| 72      | 0.0   | 29.2  | 43.8# |
| 71      | 0.0   | 27.6  | 41.4# |



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





#31

Cyclohexane

Concen: 1.254 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

Instrument :

MSVOA\_X

ClientSampled :

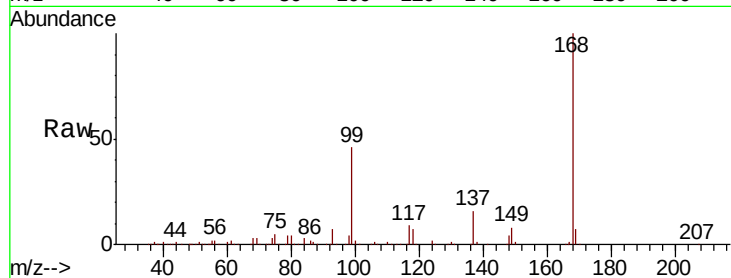
Tot Ion: 56 Resp: 5431

Ion Ratio Lower Upper

56 100

69 192.6 21.6 32.4#

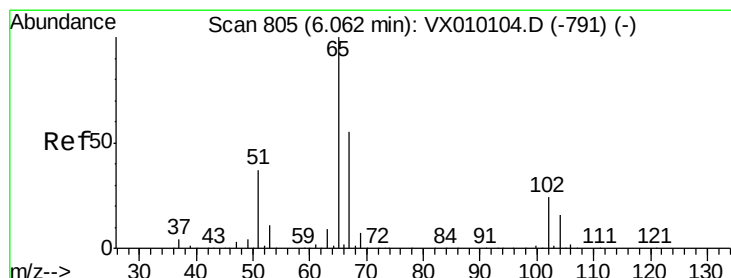
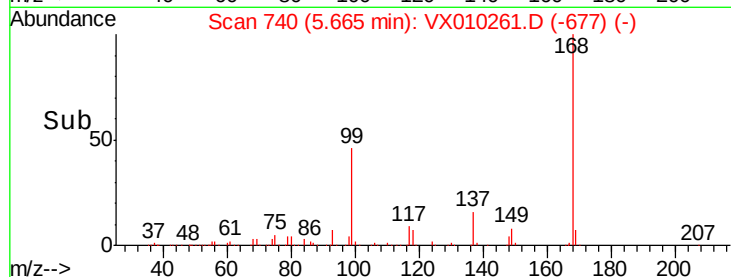
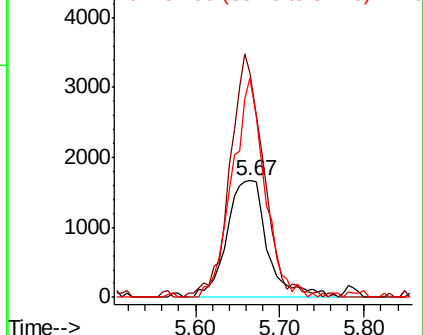
84 187.4 56.8 85.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.406 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010261.D

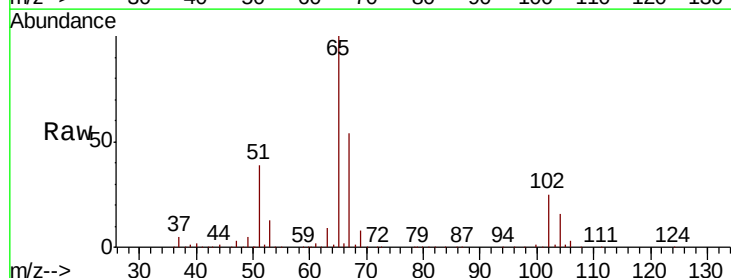
Acq: 12 Jun 2019 19:18

Tgt Ion: 65 Resp: 138060

Ion Ratio Lower Upper

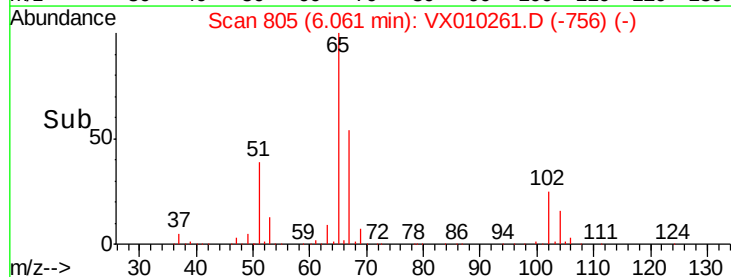
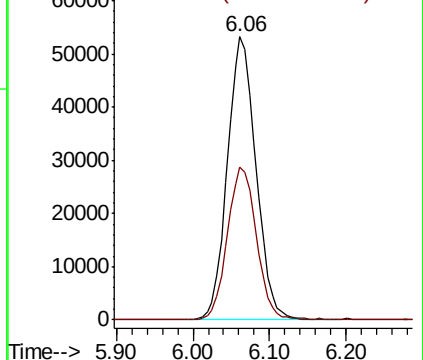
65 100

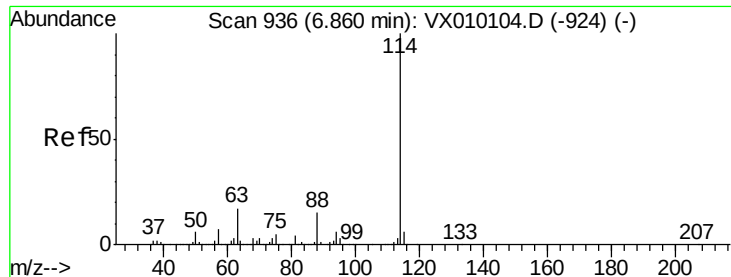
67 54.9 0.0 108.4



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

Instrument :

MSVOA\_X

ClientSampled :

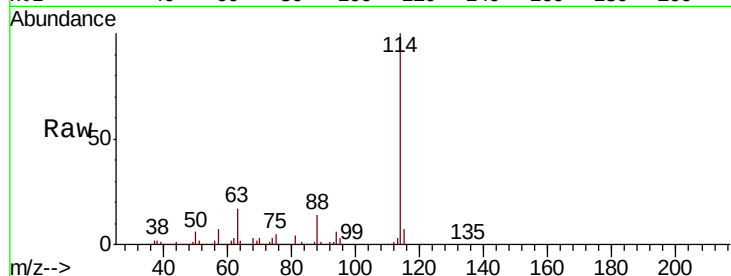
Tot Ion:114 Resp: 461731

Ion Ratio Lower Upper

114 100

63 16.9 0.0 47.4

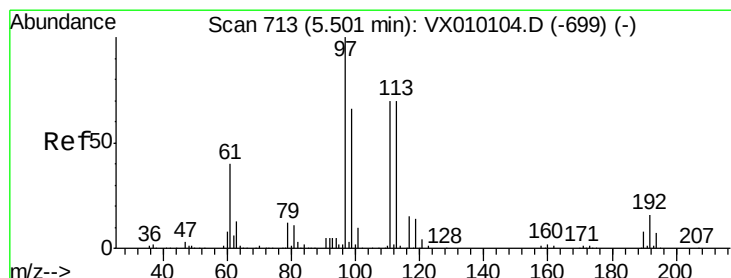
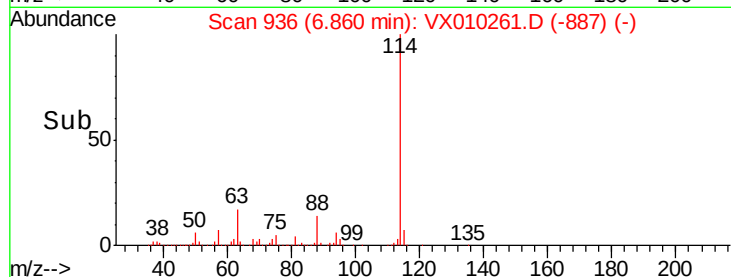
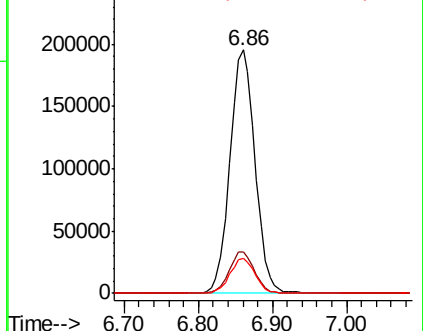
88 14.5 0.0 33.0



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: 50.082 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

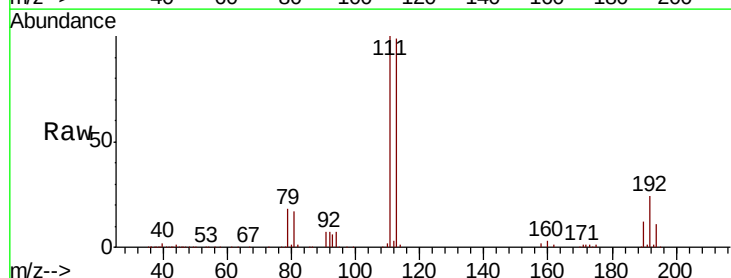
Tgt Ion:113 Resp: 142636

Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.2

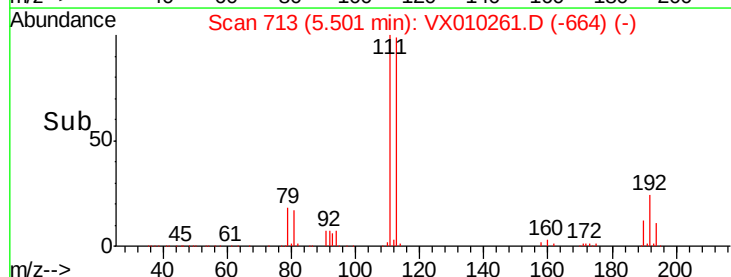
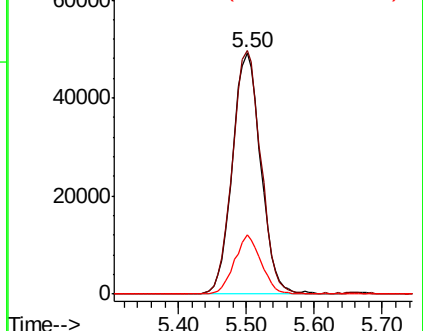
192 23.0 17.1 25.7

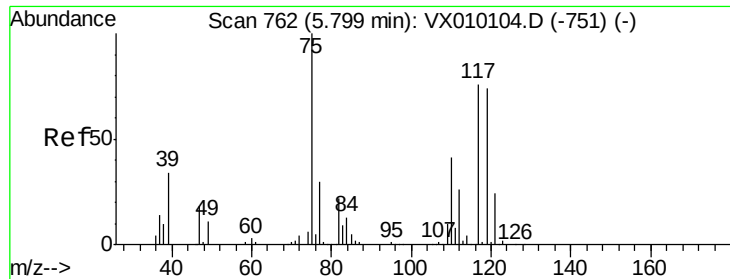


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.846 ug/l

RT: 5.66 min Scan# 739

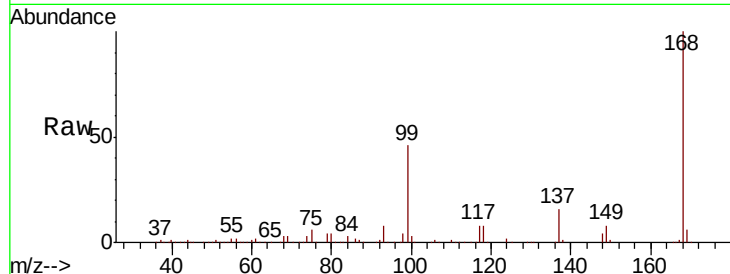
Delta R.T. -0.14 min

Lab File: VX010261.D

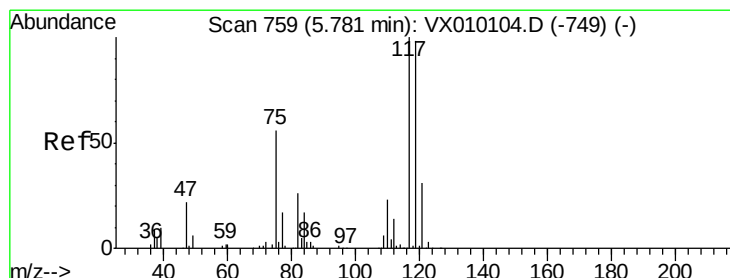
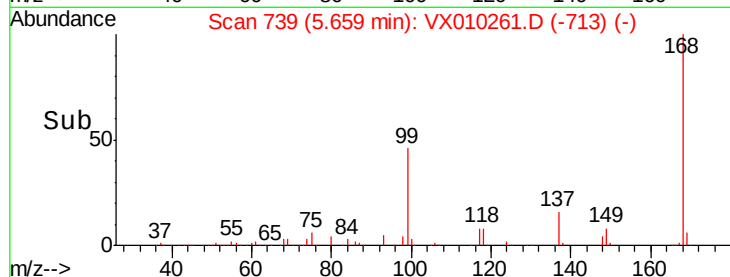
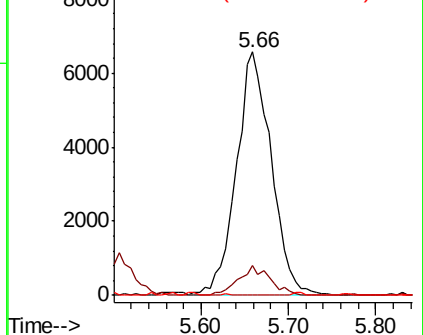
Acq: 12 Jun 2019 19:18

Instrument :  
MSVOA\_X  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 18256 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 11.0  | 16.7  | 50.1# |
| 77       | 0.0   | 25.0  | 37.4# |



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



#38

Carbon Tetrachloride

Concen: 5.985 ug/l

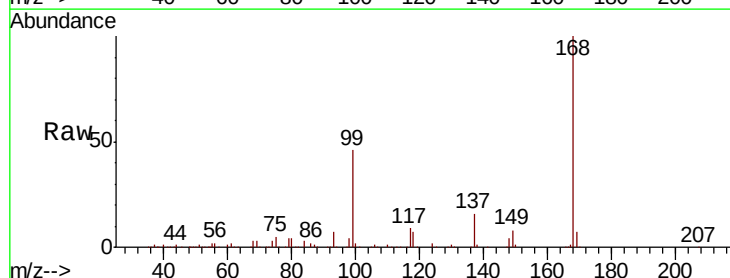
RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

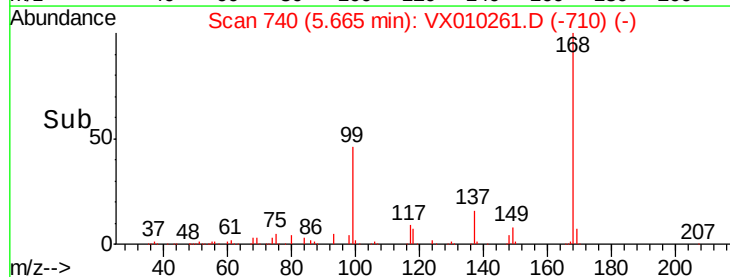
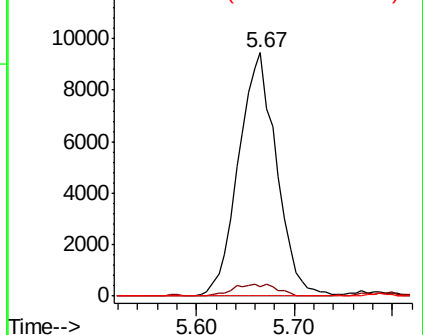
Lab File: VX010261.D

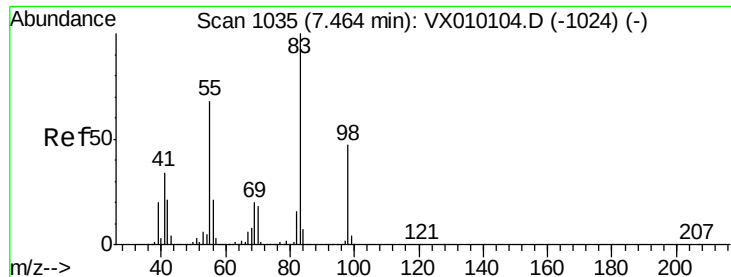
Acq: 12 Jun 2019 19:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 25521  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 3.9   | 77.3  | 115.9# |
| 121      | 0.0   | 25.4  | 38.0#  |



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

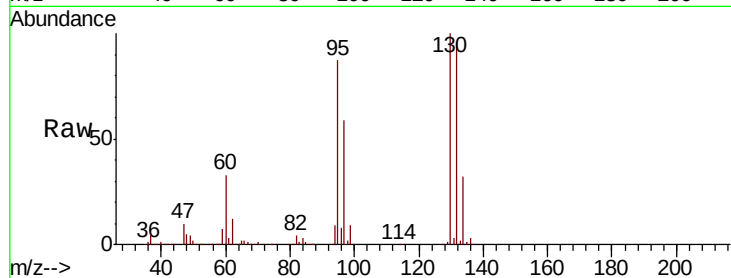




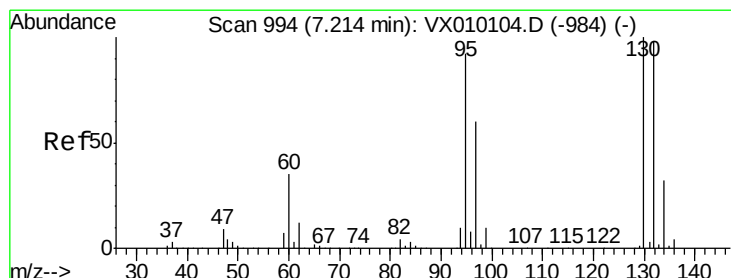
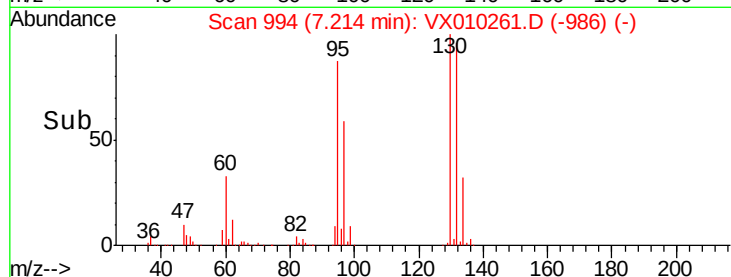
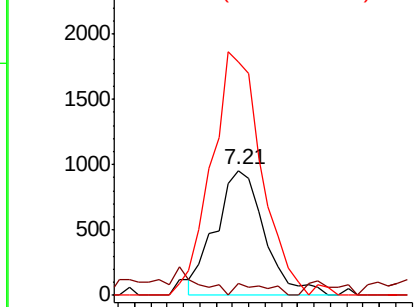
#39  
Methylvlcyclohexane  
Concen: 0.388 ug/l  
RT: 7.21 min Scan# 994  
Delta R.T. -0.25 min  
Lab File: VX010261.D  
Acq: 12 Jun 2019 19:18

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 83 Resp: 1991  
Ion Ratio Lower Upper  
83 100  
55 2.9 69.9 104.9#  
98 187.4 35.1 52.7#

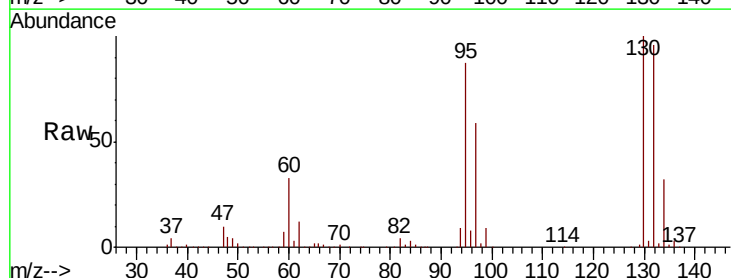


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

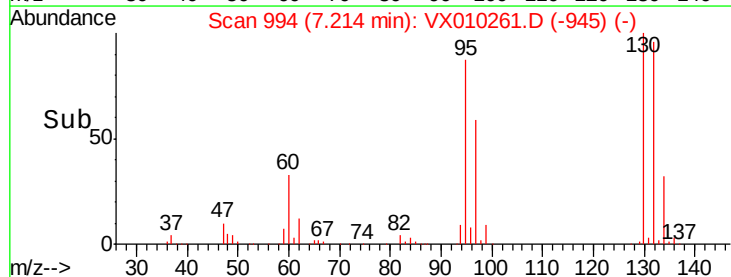
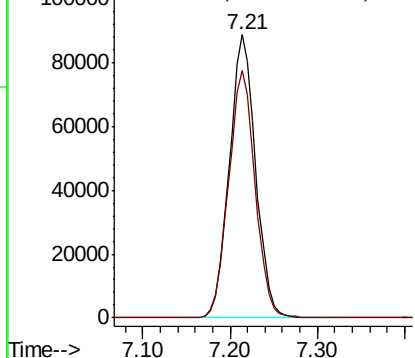


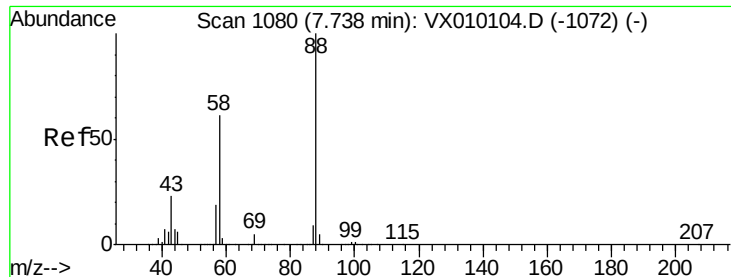
#44  
Trichloroethene  
Concen: 52.903 ug/l  
RT: 7.21 min Scan# 994  
Delta R.T. -0.00 min  
Lab File: VX010261.D  
Acq: 12 Jun 2019 19:18

Tgt Ion:130 Resp: 185751  
Ion Ratio Lower Upper  
130 100  
95 87.5 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V  
Ion 94.90 (94.60 to 95.60): VX0





#49

1,4-Dioxane

Concen: 14.385 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

Instrument :

MSVOA\_X

ClientSampleId :

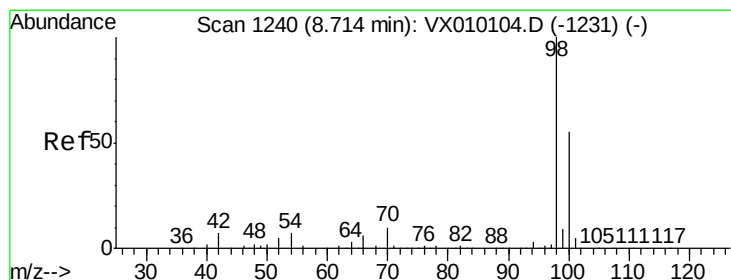
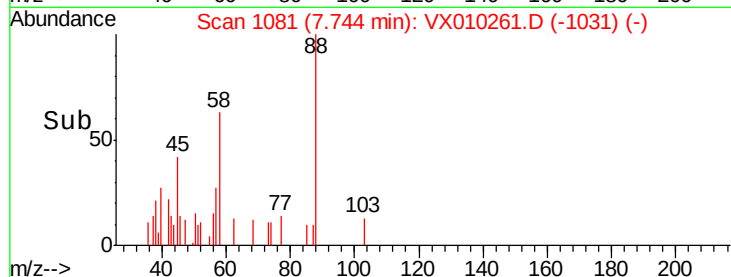
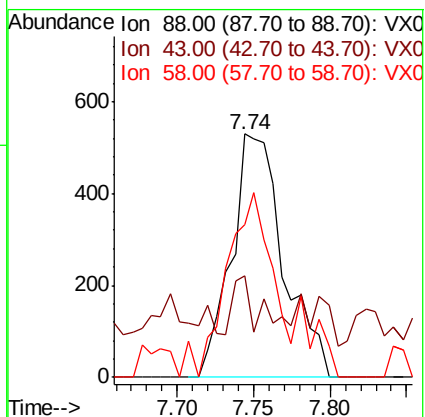
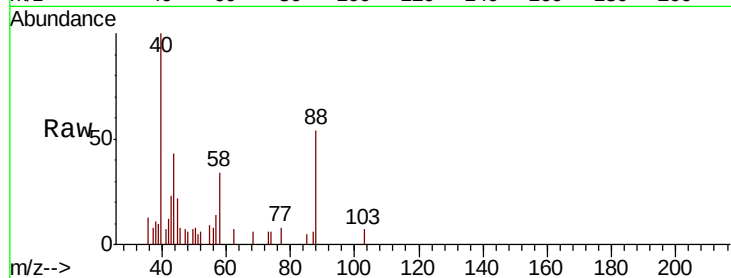
Tot Ion: 88 Resp: 1257

Ion Ratio Lower Upper

88 100

43 15.8 30.2 45.4#

58 67.1 64.0 96.0



#50

Toluene-d8

Concen: 50.907 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010261.D

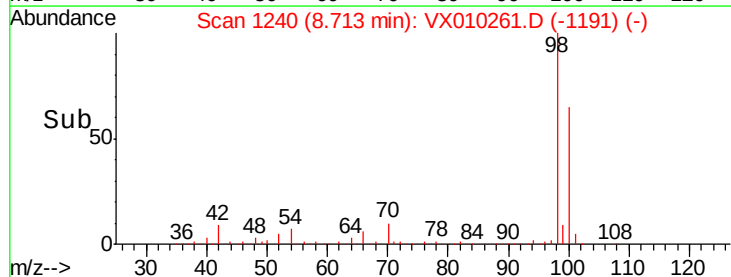
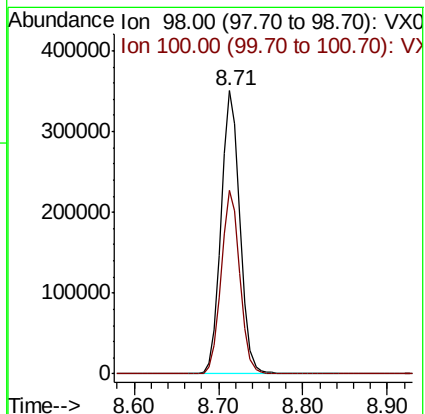
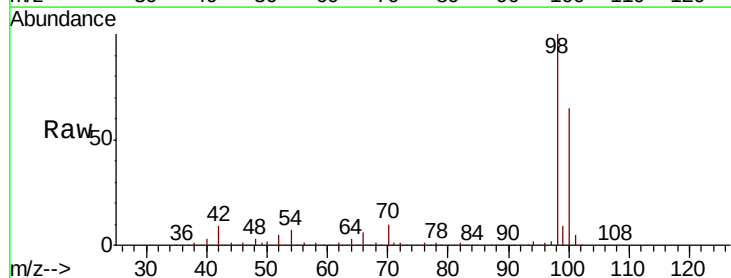
Acq: 12 Jun 2019 19:18

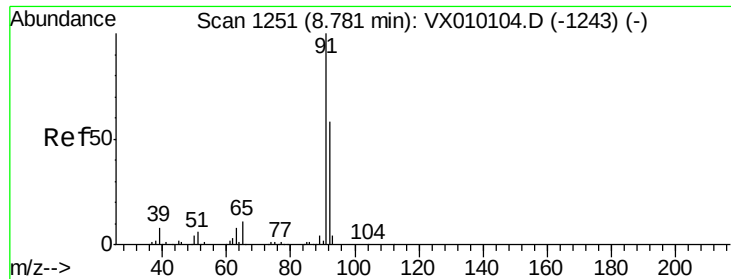
Tgt Ion: 98 Resp: 543389

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3





#52

Toluene

Concen: 0.319 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

Instrument :

MSVOA\_X

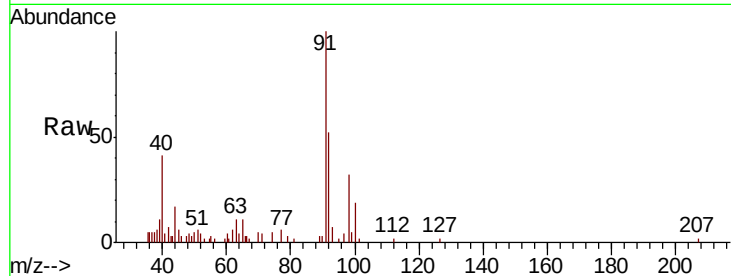
ClientSampleId :

Tot Ion: 92 Resp: 2444

Ion Ratio Lower Upper

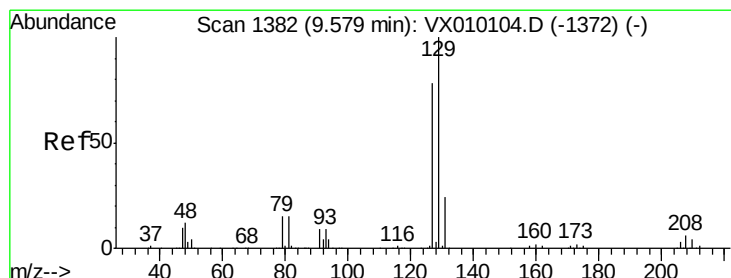
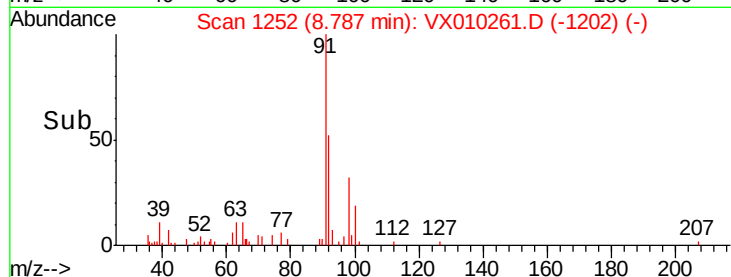
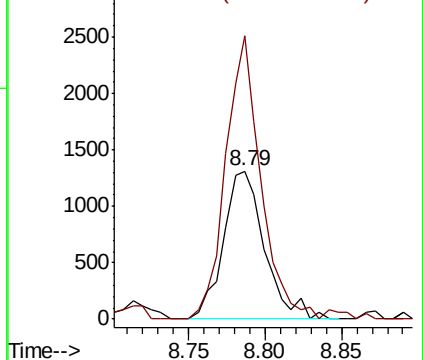
92 100

91 162.9 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#60

Dibromochloromethane

Concen: 1.903 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX010261.D

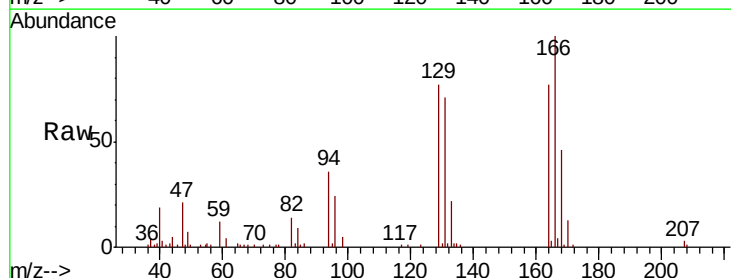
Acq: 12 Jun 2019 19:18

Tgt Ion: 129 Resp: 7060

Ion Ratio Lower Upper

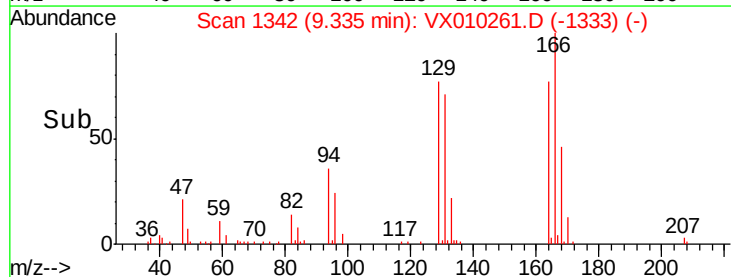
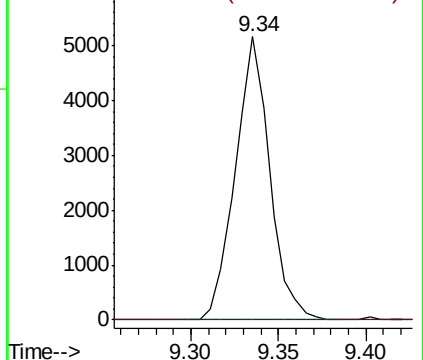
129 100

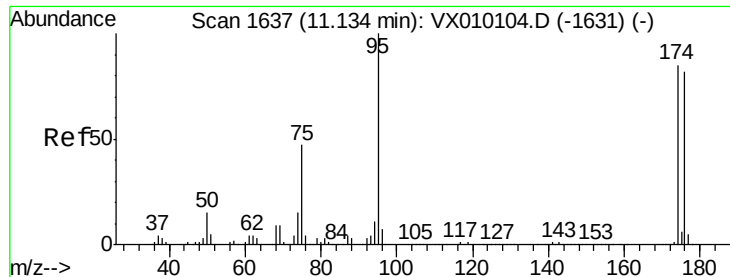
127 0.0 38.5 115.5#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 45.735 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

Instrument :

MSVOA\_X

ClientSampleId :

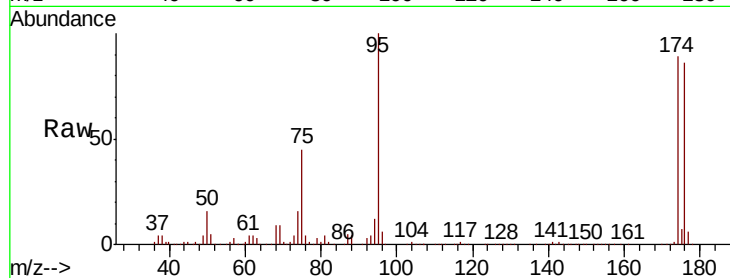
Tot Ion: 95 Resp: 182316

Ion Ratio Lower Upper

95 100

174 95.4 0.0 160.4

176 92.0 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)

11.13

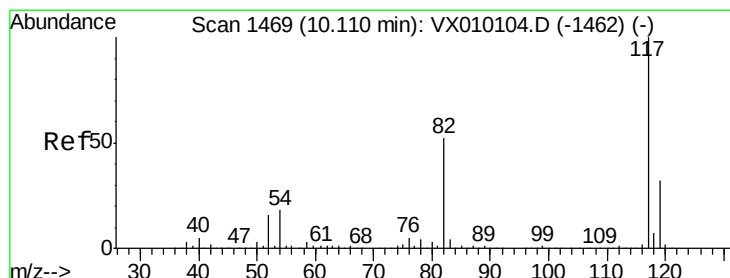
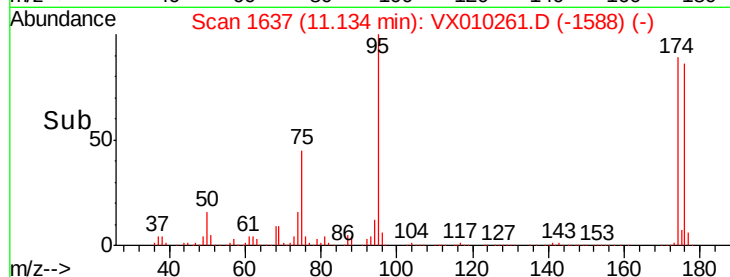
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

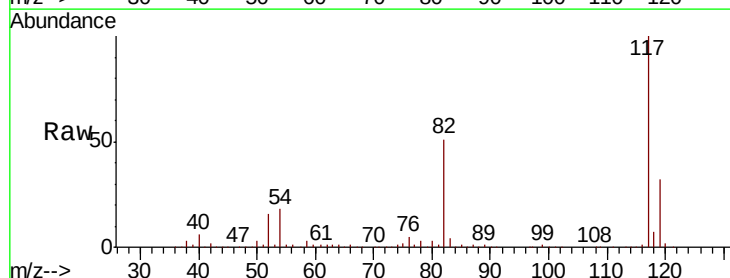
Tgt Ion: 117 Resp: 413355

Ion Ratio Lower Upper

117 100

82 50.9 49.2 73.8

119 31.9 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)

10.11

400000

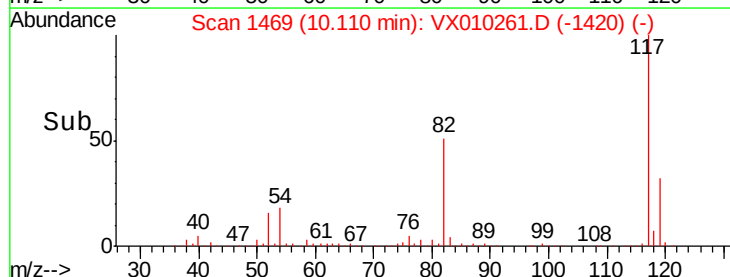
300000

200000

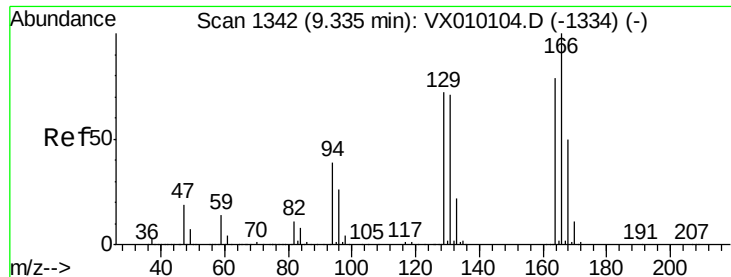
100000

0

Time-->



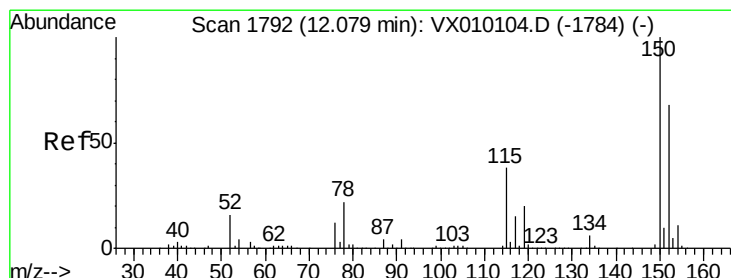
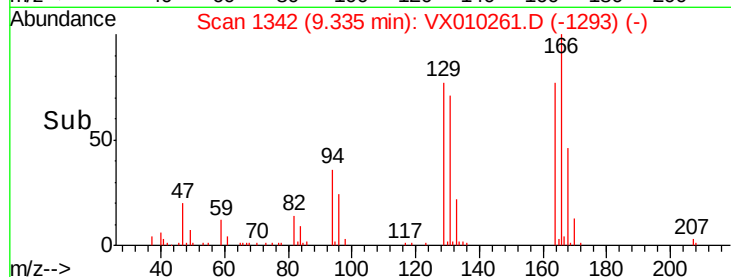
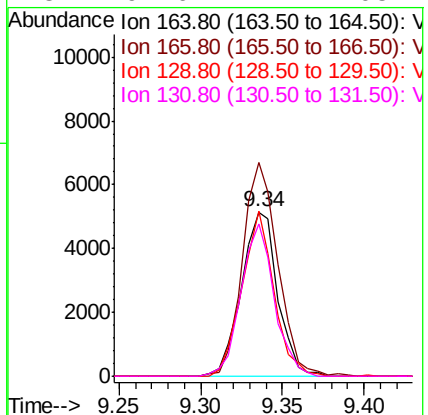
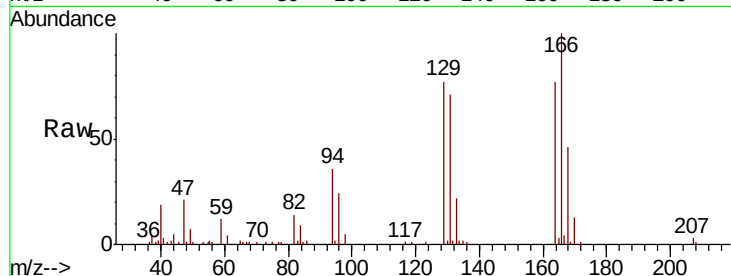




#64  
Tetrachloroethene  
Concen: 2.594 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX010261.D  
Acq: 12 Jun 2019 19:18

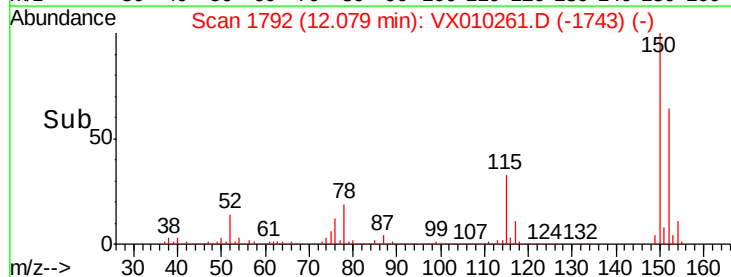
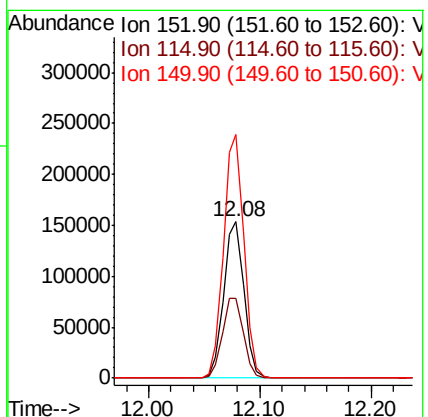
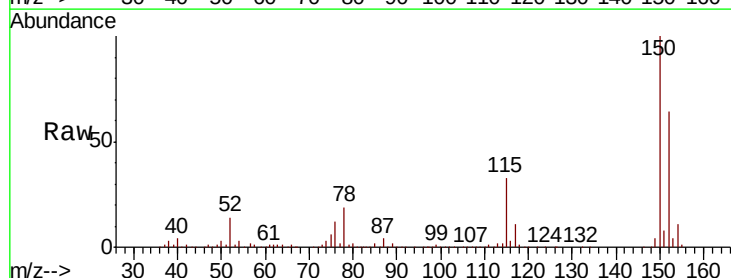
Instrument :  
MSVOA\_X  
ClientSampleId :

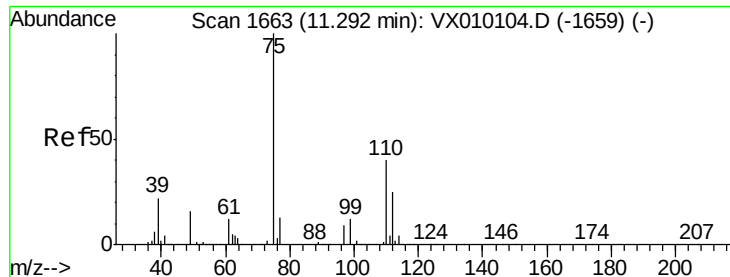
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 130.2 | 105.0 | 157.4 |
| 129     | 100.4 | 75.1  | 112.7 |
| 131     | 92.6  | 72.2  | 108.4 |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX010261.D  
Acq: 12 Jun 2019 19:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 53.5  | 41.4  | 124.2 |
| 150     | 156.3 | 0.0   | 345.2 |

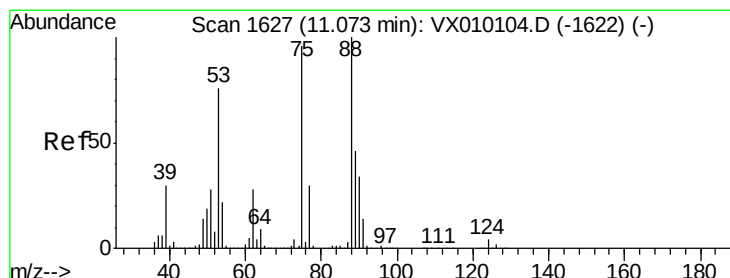
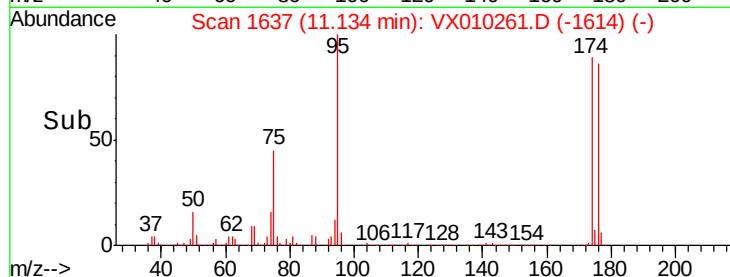
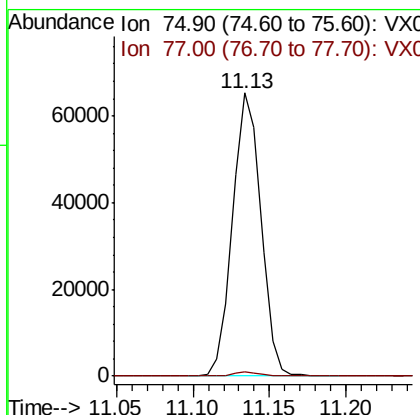
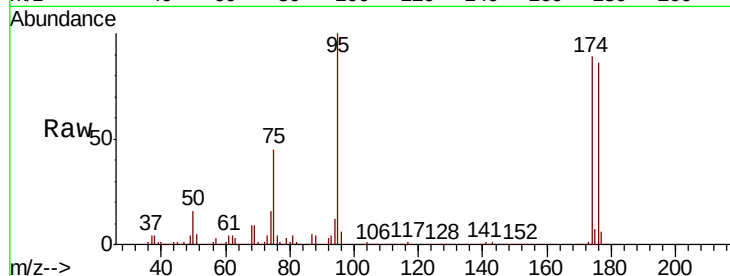




#76  
 1,2,3-Trichloropropane  
 Concen: 21.750 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. -0.16 min  
 Lab File: VX010261.D  
 Acq: 12 Jun 2019 19:18

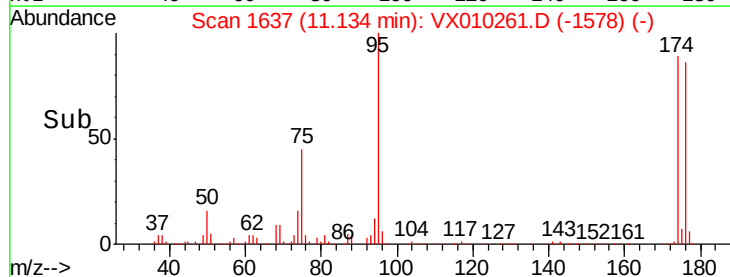
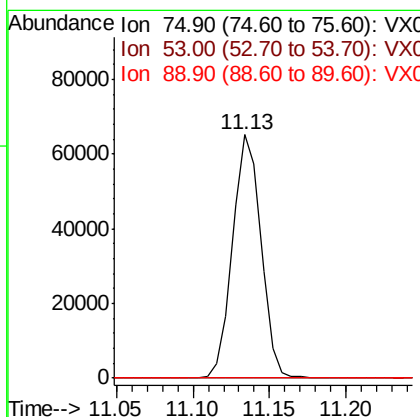
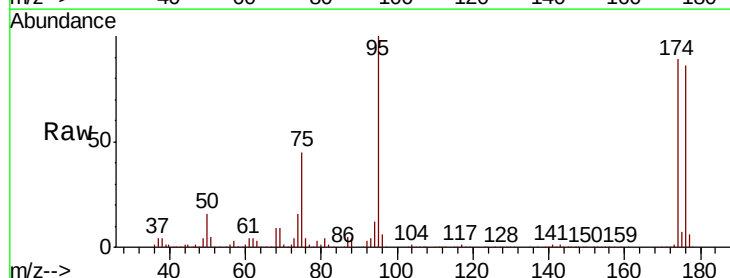
Instrument :  
 MSVOA\_X  
 ClientSampleId :

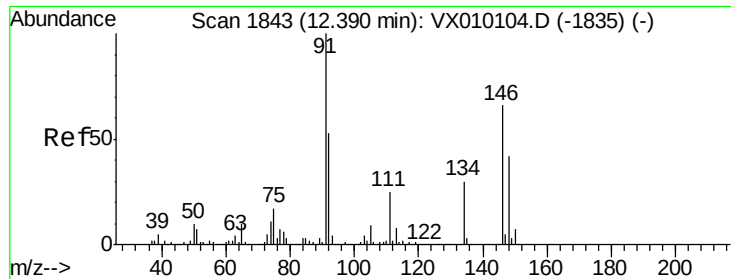
Tot Ion: 75 Resp: 84015  
 Ion Ratio Lower Upper  
 75 100  
 77 1.5 22.1 66.1#



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 48.055 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. 0.06 min  
 Lab File: VX010261.D  
 Acq: 12 Jun 2019 19:18

Tgt Ion: 75 Resp: 84015  
 Ion Ratio Lower Upper  
 75 100  
 53 0.2 79.8 119.6#  
 89 0.0 34.2 51.4#





#91

1,2-Dichlorobenzene

Concen: 0.222 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010261.D

Acq: 12 Jun 2019 19:18

Instrument :

MSVOA\_X

ClientSampleId :

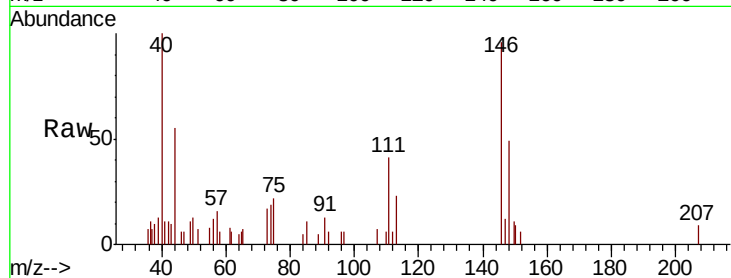
Tot Ion:146 Resp: 1407

Ion Ratio Lower Upper

146 100

111 46.3 21.1 63.1

148 57.0 32.3 96.8



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

