

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX041119\  
 Data File : VX008867.D  
 Acq On : 11 Apr 2019 21:10  
 Operator : JC/SP  
 Sample : K2347-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BCOG01

Quant Time: Apr 12 07:39:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 04 04:47:41 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 195185   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 317192   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 281380   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 123317   | 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   | 131196   | 46.08 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.16% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 94472    | 46.58 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.16% |          |
| 50) Toluene-d8              | 8.71  | 98   | 402920   | 49.90 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.80% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 137676   | 48.08 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.16% |          |

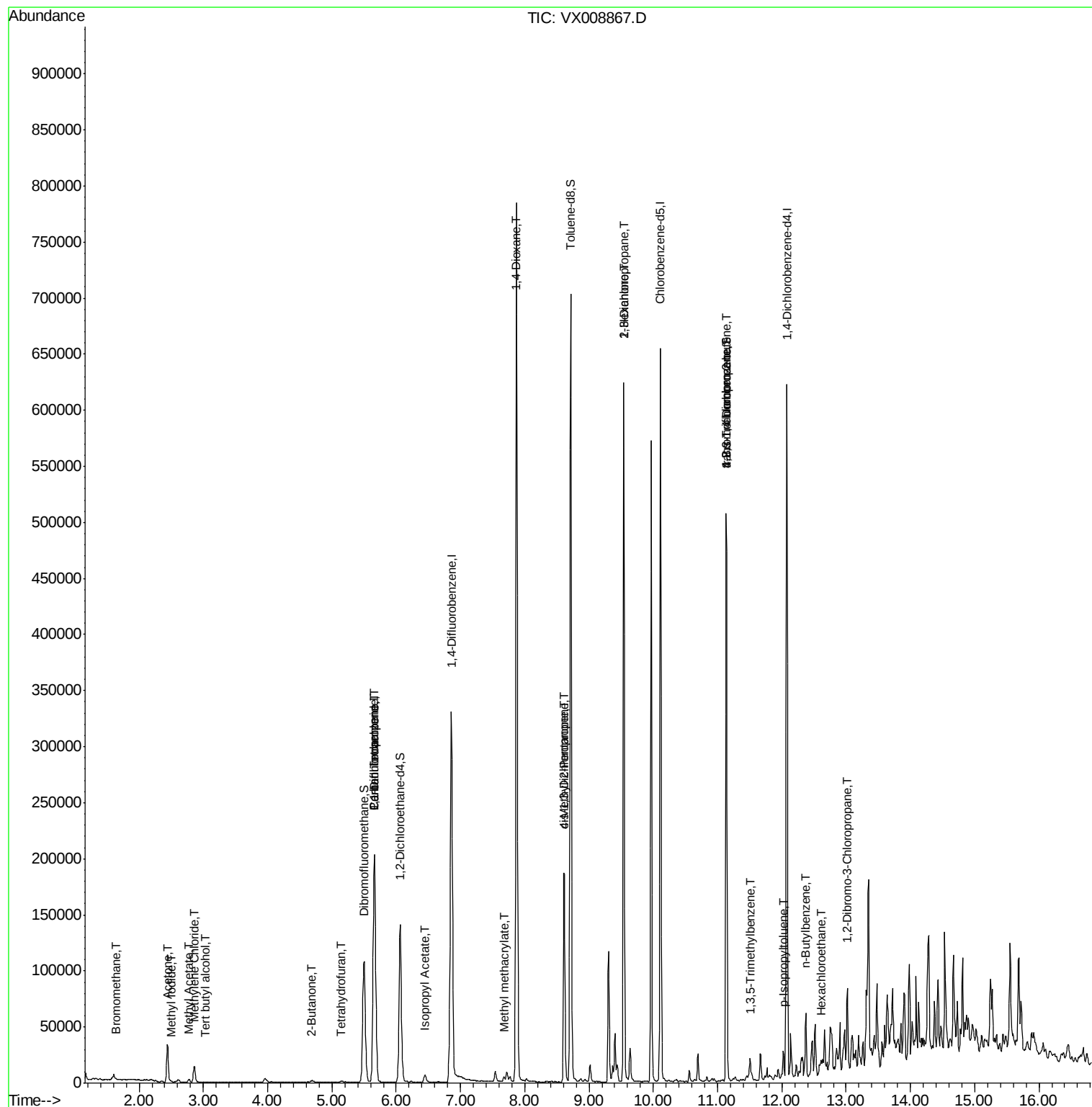
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 1.32  | 50   | 313      | Below Cal | #      | 79     |
| 5) Bromomethane                | 1.64  | 94   | 349      | 2.110     | ug/l # | 77     |
| 6) Chloroethane                | 1.72  | 64   | 227      | Below Cal | #      | 43     |
| 10) Methyl Iodide              | 2.51  | 142  | 20       | 4.012     | ug/l # | 42     |
| 11) Tert butyl alcohol         | 3.04  | 59   | 353      | 0.530     | ug/l # | 72     |
| 16) Acetone                    | 2.44  | 43   | 37787    | 23.045    | ug/l   | 99     |
| 17) Carbon Disulfide           | 2.57  | 76   | 465      | Below Cal | #      | 75     |
| 18) Methyl Acetate             | 2.78  | 43   | 3642     | 0.916     | ug/l   | 96     |
| 20) Methylene Chloride         | 2.86  | 84   | 6470     | 2.357     | ug/l   | 97     |
| 25) 2-Butanone                 | 4.68  | 43   | 3730     | 1.439     | ug/l # | 88     |
| 28) Bromochloromethane         | 5.04  | 49   | 39       | Below Cal | #      | 22     |
| 29) Tetrahydrofuran            | 5.14  | 42   | 1164     | 0.677     | ug/l # | 75     |
| 36) 1,1-Dichloropropene        | 5.66  | 75   | 15739    | 4.539     | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 5.66  | 117  | 18717    | 6.522     | ug/l # | 17     |
| 43) Isopropyl Acetate          | 6.45  | 43   | 9768     | 1.347     | ug/l   | 99     |
| 48) Methyl methacrylate        | 7.68  | 41   | 6080     | 1.658     | ug/l # | 18     |
| 49) 1,4-Dioxane                | 7.87  | 88   | 108      | 1.572     | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 8.61  | 43   | 67347    | 14.431    | ug/l # | 51     |
| 54) cis-1,3-Dichloropropene    | 8.61  | 75   | 28717    | 6.959     | ug/l # | 60     |
| 57) 1,3-Dichloropropane        | 9.54  | 76   | 4850     | 1.105     | ug/l # | 43     |
| 59) 2-Hexanone                 | 9.54  | 43   | 77404    | 21.342    | ug/l # | 53     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 70244    | 20.735    | ug/l # | 34     |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 7466     | 0.870     | ug/l   | 97     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 70244    | 57.158    | ug/l # | 9      |
| 86) p-Isopropyltoluene         | 12.02 | 119  | 8015     | 0.911     | ug/l   | 94     |
| 89) n-Butylbenzene             | 12.37 | 91   | 4302     | 0.521     | ug/l # | 1      |
| 90) Hexachloroethane           | 12.61 | 117  | 699      | 0.479     | ug/l # | 9      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.02 | 75   | 288      | 0.337     | ug/l # | 12     |

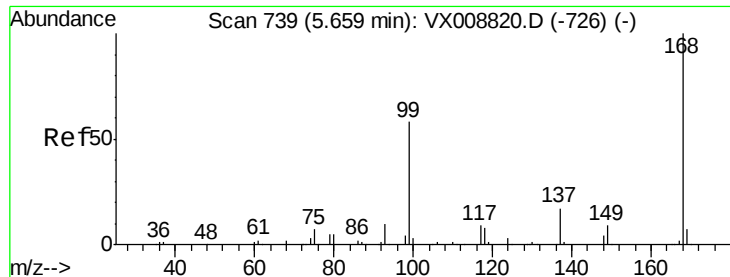
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
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ClientSampleId :  
BCOG01

Quant Time: Apr 12 07:39:30 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 04 04:47:41 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008867.D

Acq: 11 Apr 2019 21:10

Instrument :

MSVOA\_X

ClientSampleId :

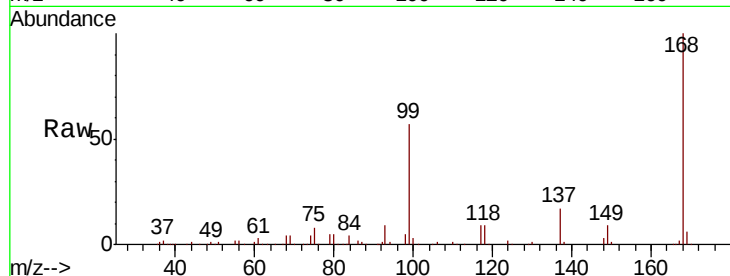
BCOG01

Tgt Ion:168 Resp: 195185

Ion Ratio Lower Upper

168 100

99 57.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

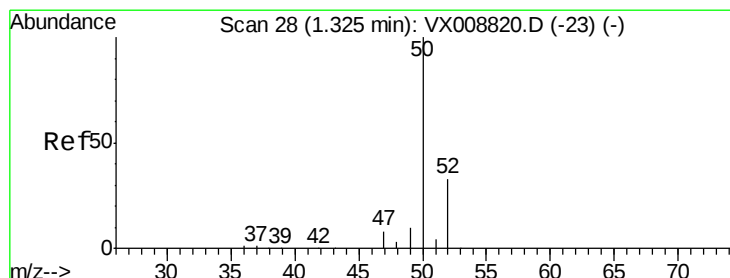
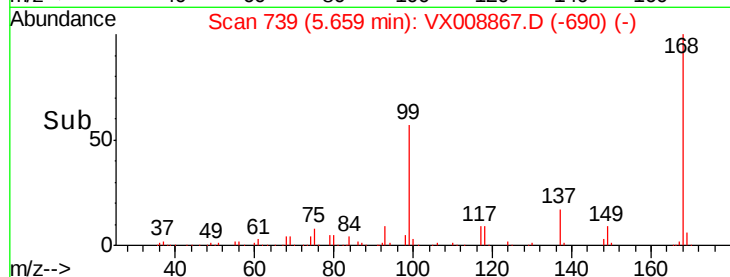
40000

20000

0

Time-->

5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008867.D

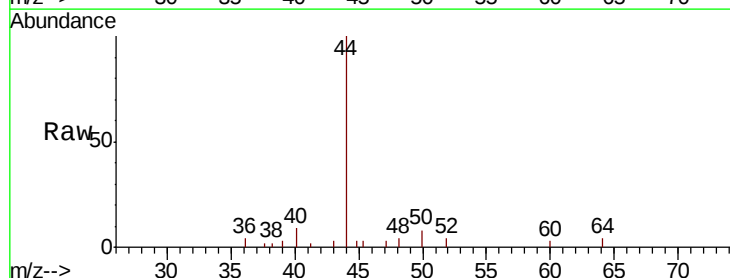
Acq: 11 Apr 2019 21:10

Tgt Ion: 50 Resp: 313

Ion Ratio Lower Upper

50 100

52 44.3 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

250

200

150

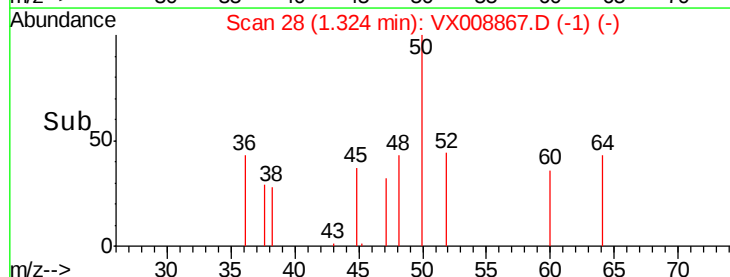
100

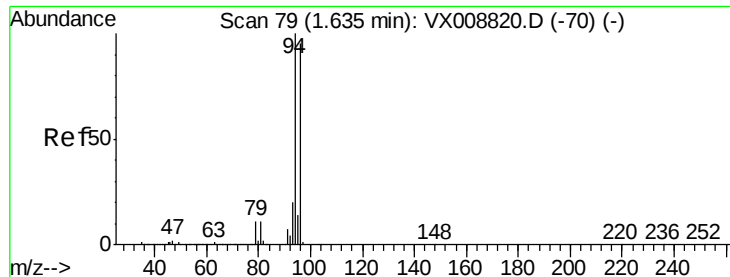
50

0

Time-->

1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 2.110 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX008867.D

Acq: 11 Apr 2019 21:10

Instrument :

MSVOA\_X

ClientSampled :

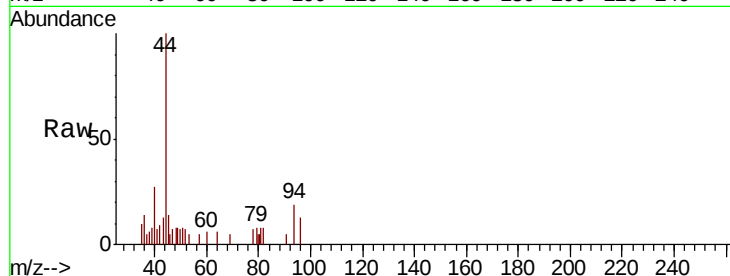
BCOG01

Tgt Ion: 94 Resp: 349

Ion Ratio Lower Upper

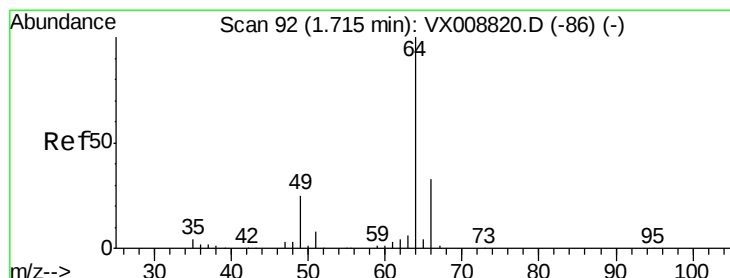
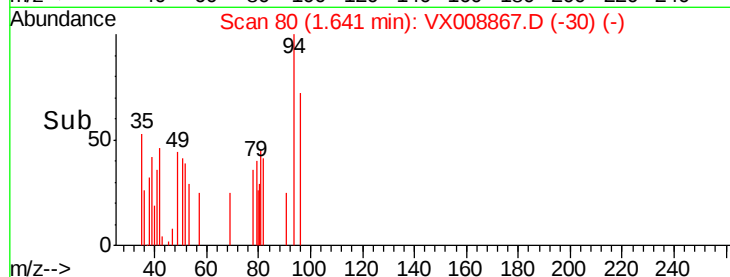
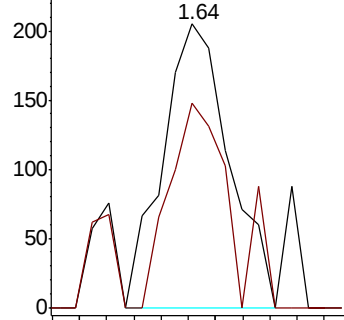
94 100

96 72.2 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008867.D

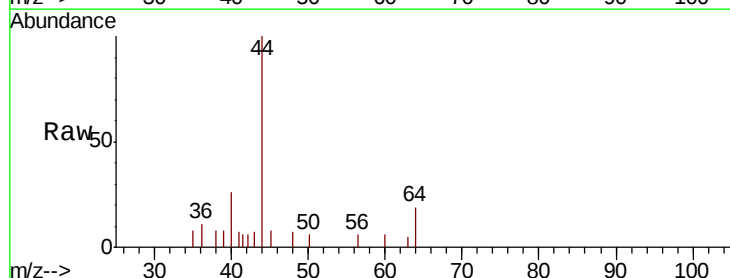
Acq: 11 Apr 2019 21:10

Tgt Ion: 64 Resp: 227

Ion Ratio Lower Upper

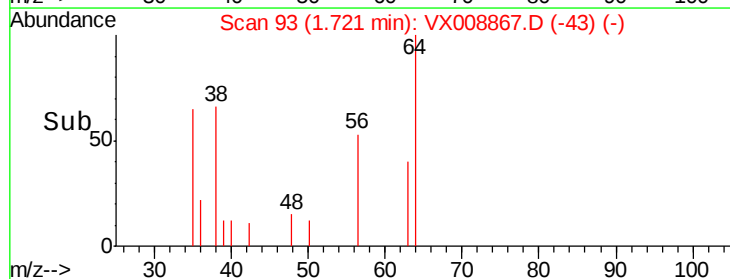
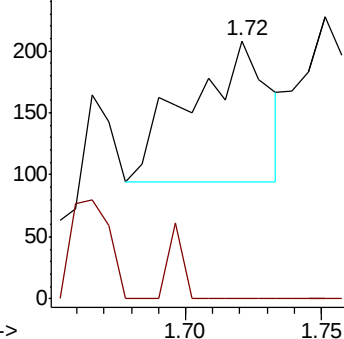
64 100

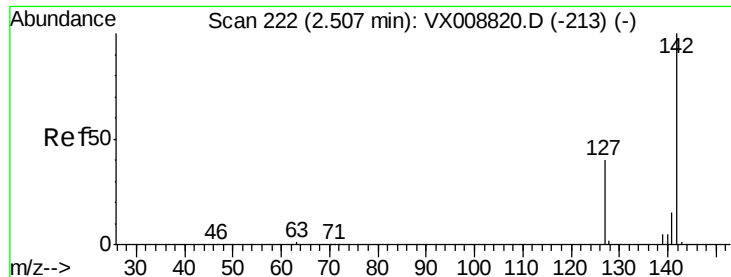
66 0.0 25.4 38.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

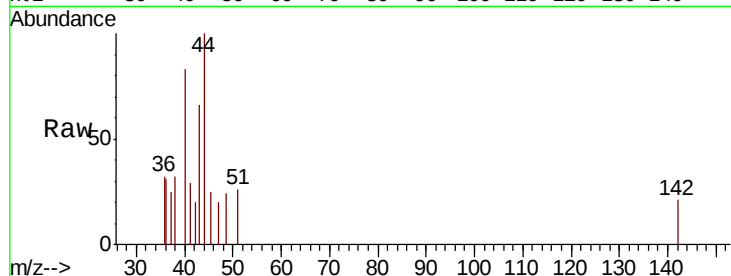




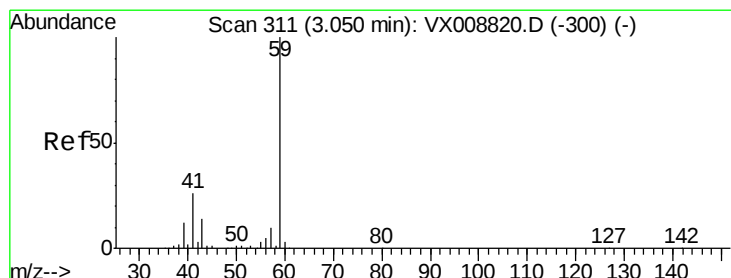
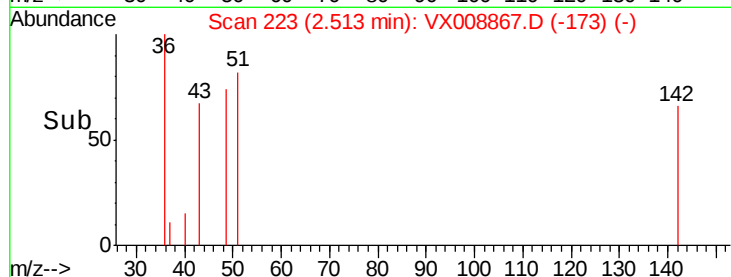
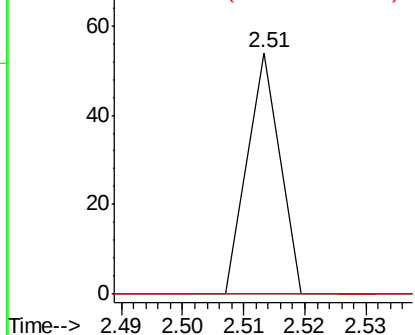
#10  
Methyl Iodide  
Concen: 4.012 ug/l  
RT: 2.51 min Scan# 223  
Delta R.T. 0.01 min  
Lab File: VX008867.D  
Acq: 11 Apr 2019 21:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
BCOG01

Tgt Ion: 142 Resp: 20  
Ion Ratio Lower Upper  
142 100  
127 0.0 33.0 49.6#  
141 0.0 11.4 17.2#

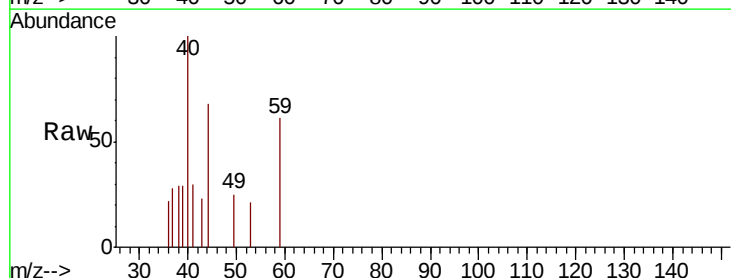


Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V

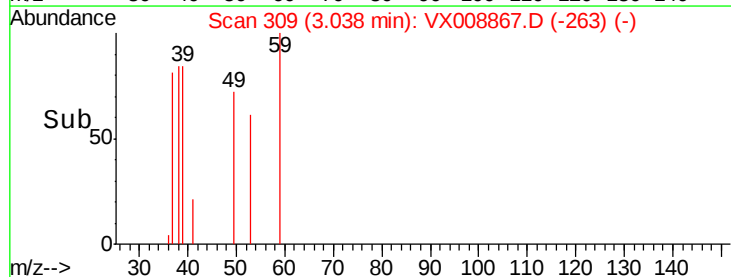
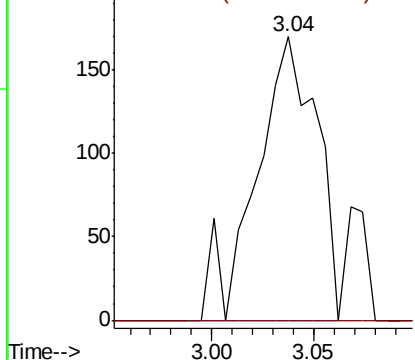


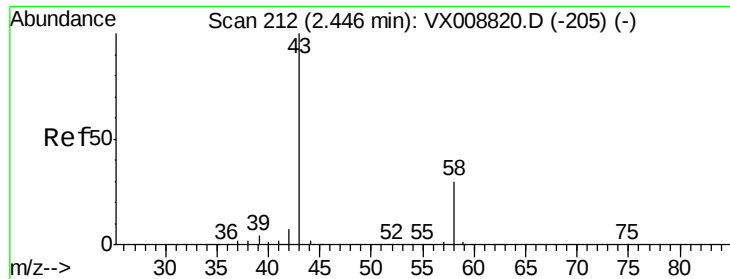
#11  
Tert butyl alcohol  
Concen: 0.530 ug/l  
RT: 3.04 min Scan# 309  
Delta R.T. -0.02 min  
Lab File: VX008867.D  
Acq: 11 Apr 2019 21:10

Tgt Ion: 59 Resp: 353  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0  
Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 23.045 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008867.D

Acq: 11 Apr 2019 21:10

Instrument :

MSVOA\_X

ClientSampled :

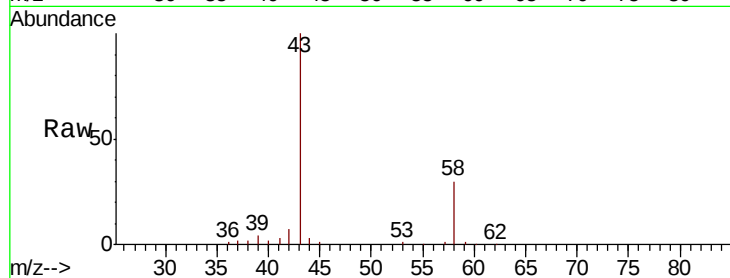
BCOG01

Tgt Ion: 43 Resp: 37787

Ion Ratio Lower Upper

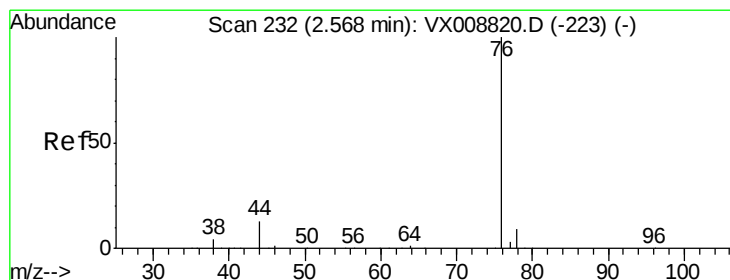
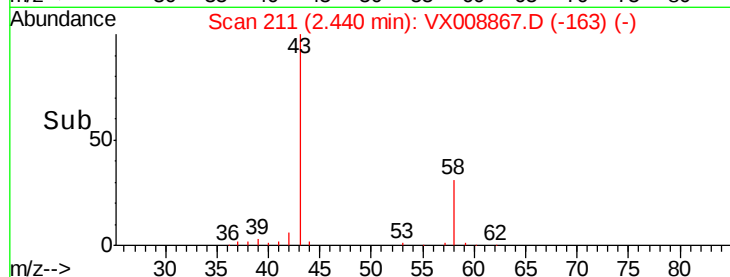
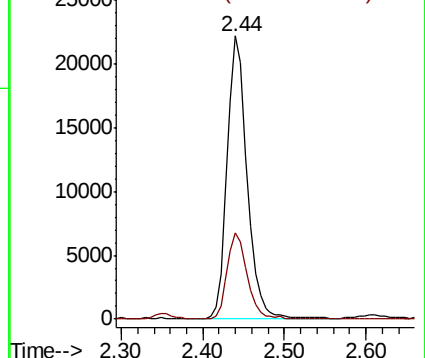
43 100

58 30.4 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX008867.D

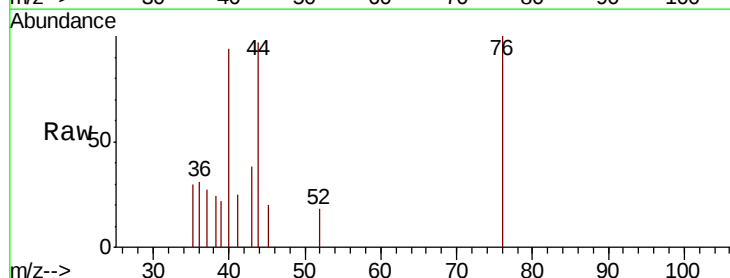
Acq: 11 Apr 2019 21:10

Tgt Ion: 76 Resp: 465

Ion Ratio Lower Upper

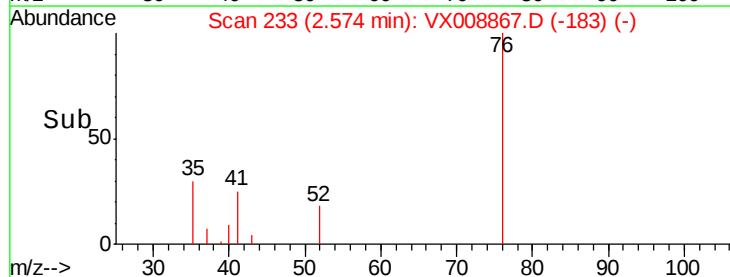
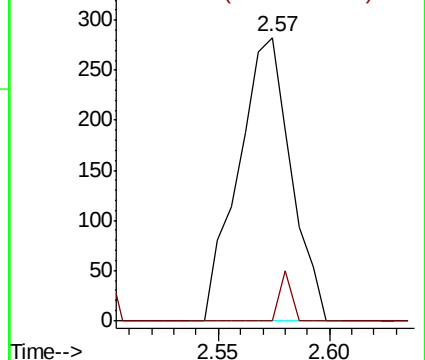
76 100

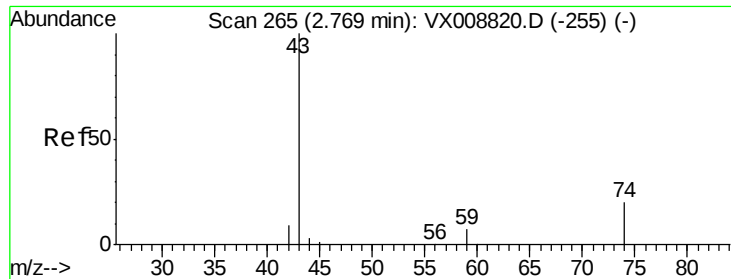
78 0.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

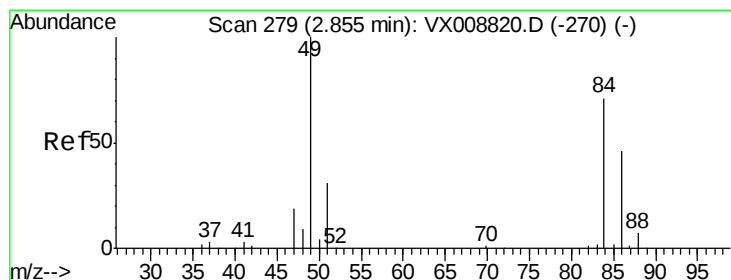
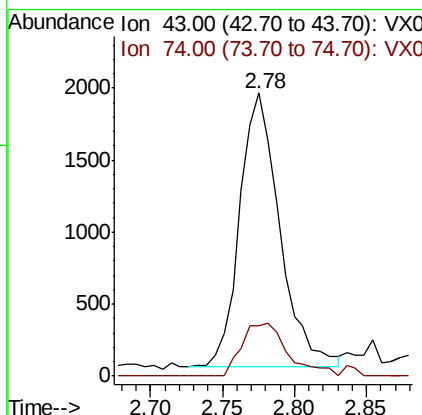
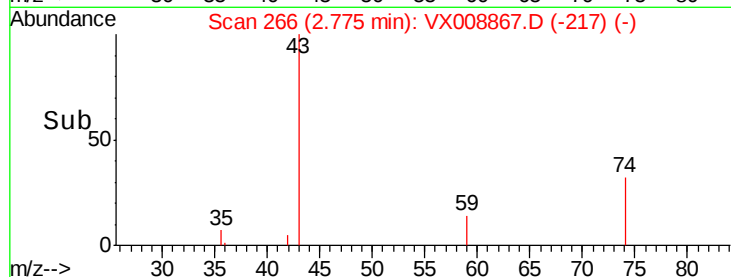
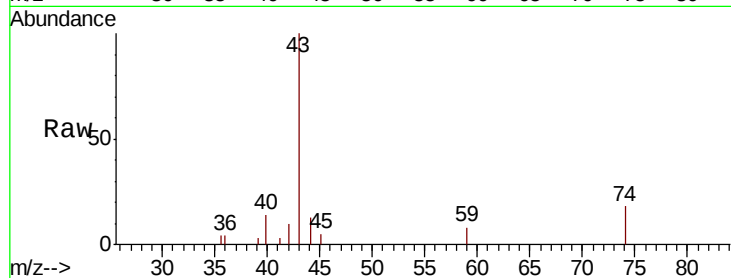




#18  
Methyl Acetate  
Concen: 0.916 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.00 min  
Lab File: VX008867.D  
Acq: 11 Apr 2019 21:10

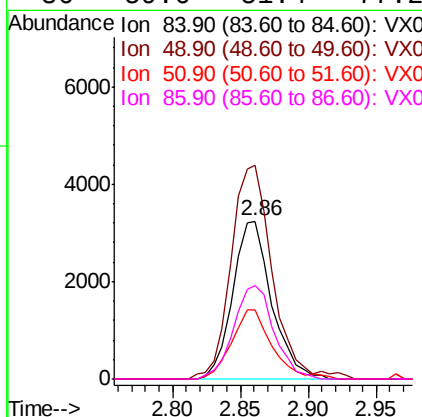
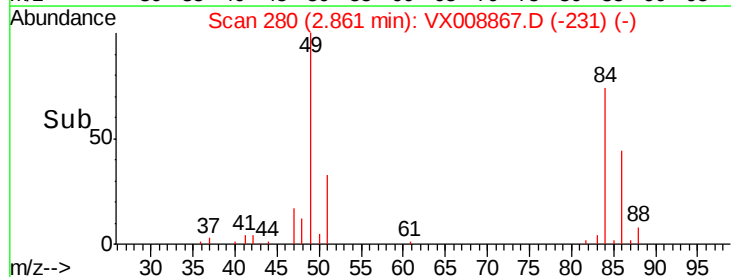
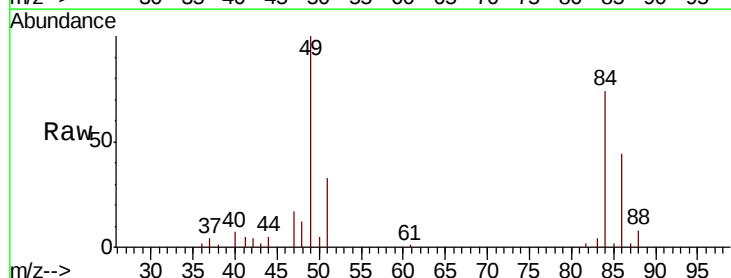
Instrument :  
MSVOA\_X  
ClientSampleId :  
BCOG01

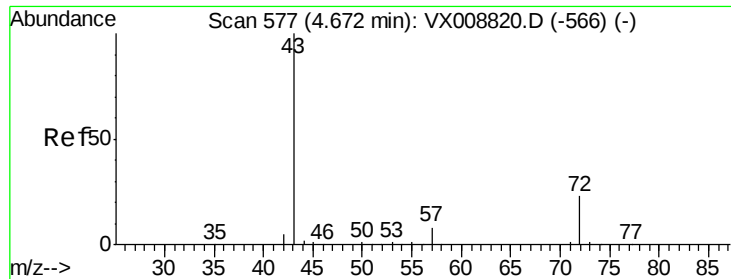
Tgt Ion: 43 Resp: 3642  
Ion Ratio Lower Upper  
43 100  
74 22.4 16.5 24.7



#20  
Methylene Chloride  
Concen: 2.357 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. -0.00 min  
Lab File: VX008867.D  
Acq: 11 Apr 2019 21:10

Tgt Ion: 84 Resp: 6470  
Ion Ratio Lower Upper  
84 100  
49 135.3 109.7 164.5  
51 44.1 33.6 50.4  
86 59.6 51.4 77.2





#25

2-Butanone

Concen: 1.439 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008867.D

Acq: 11 Apr 2019 21:10

Instrument :

MSVOA\_X

ClientSampled :

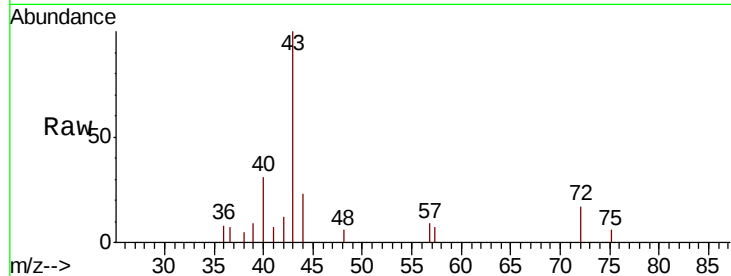
BCOG01

Tgt Ion: 43 Resp: 3730

Ion Ratio Lower Upper

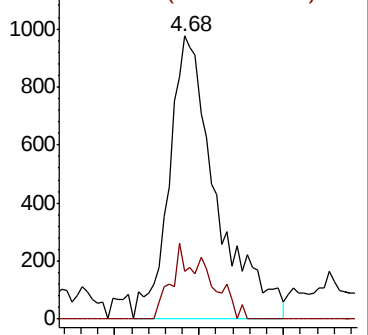
43 100

72 17.0 18.2 27.4#

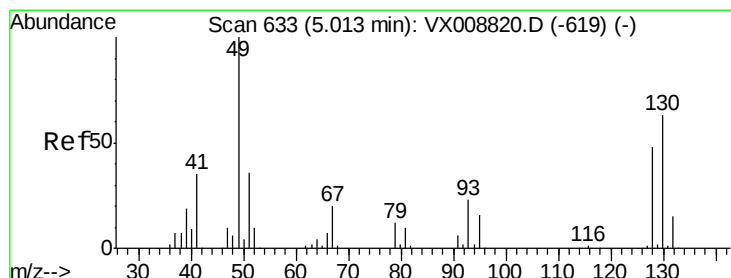
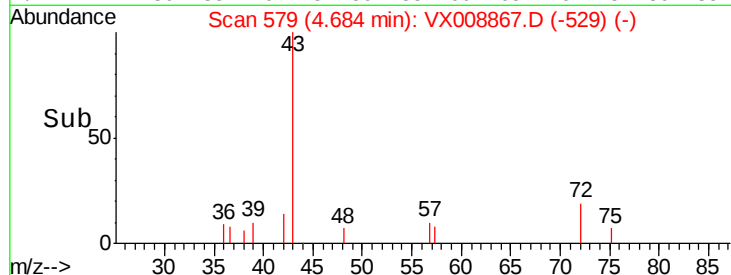


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#28

Bromochloromethane

Concen: Below Cal

RT: 5.04 min Scan# 637

Delta R.T. 0.02 min

Lab File: VX008867.D

Acq: 11 Apr 2019 21:10

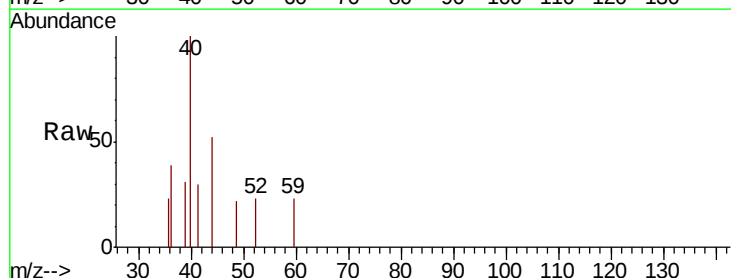
Tgt Ion: 49 Resp: 39

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

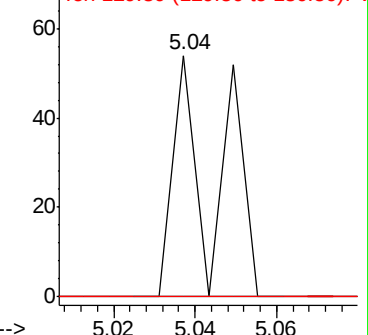
130 0.0 49.3 73.9#



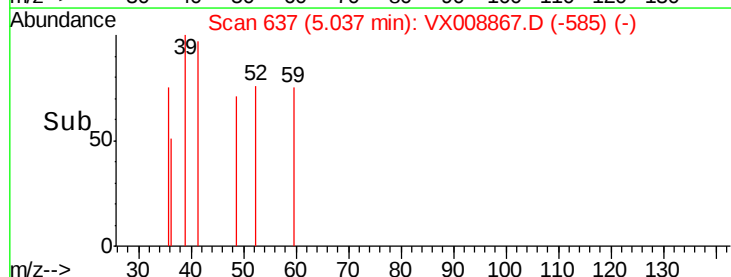
Abundance Ion 48.90 (48.60 to 49.60): VX0

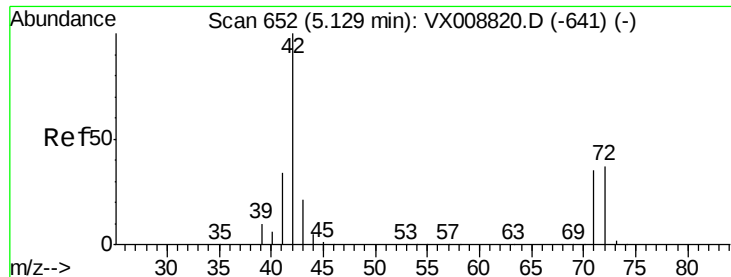
Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



Time-->

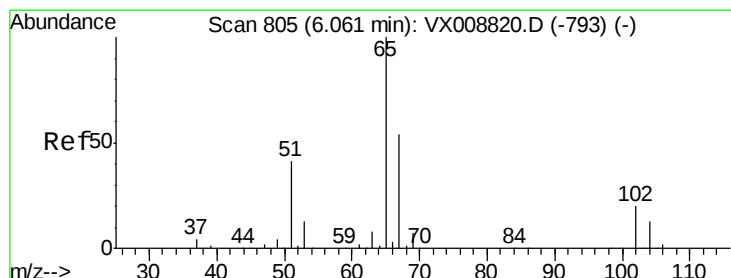
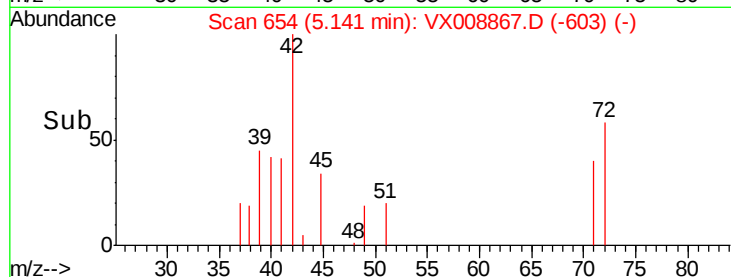
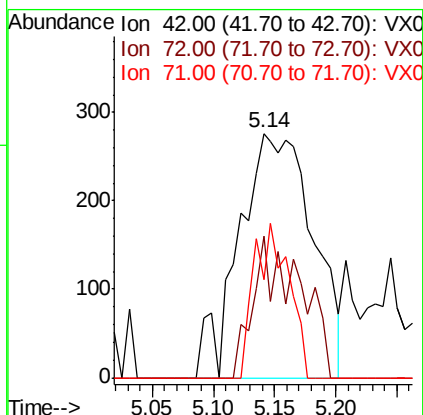
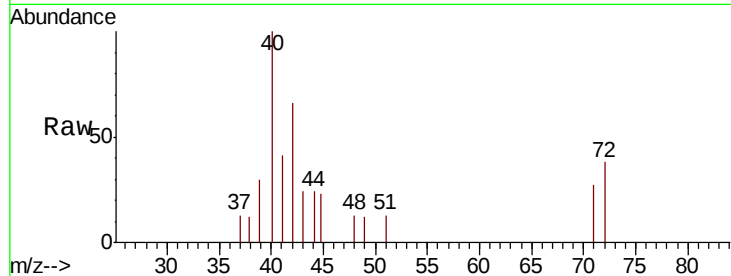




#29  
Tetrahydrofuran  
Concen: 0.677 ug/l  
RT: 5.14 min Scan# 654  
Delta R.T. 0.01 min  
Lab File: VX008867.D  
Acq: 11 Apr 2019 21:10

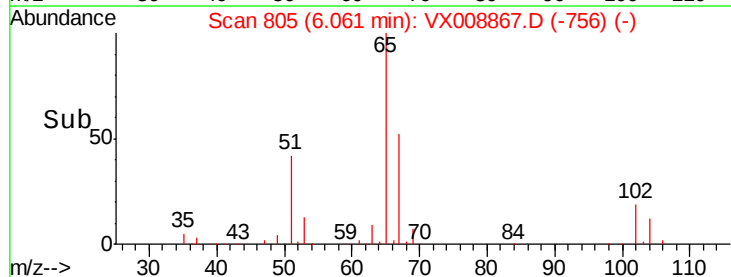
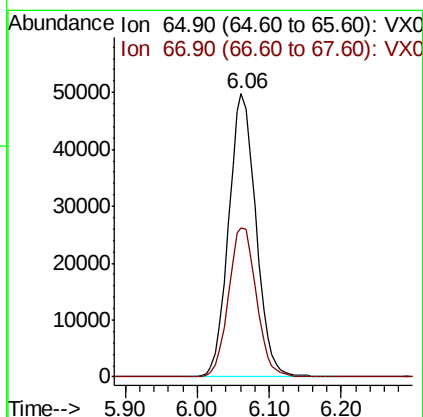
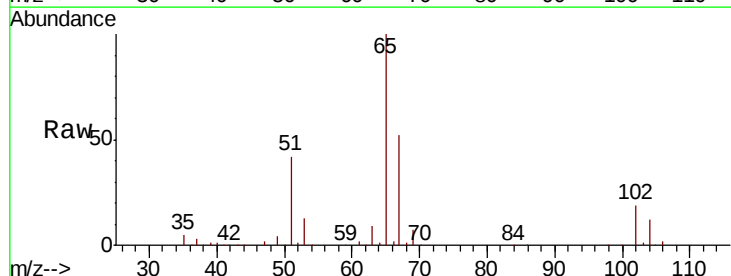
Instrument :  
MSVOA\_X  
ClientSampleId :  
BCOG01

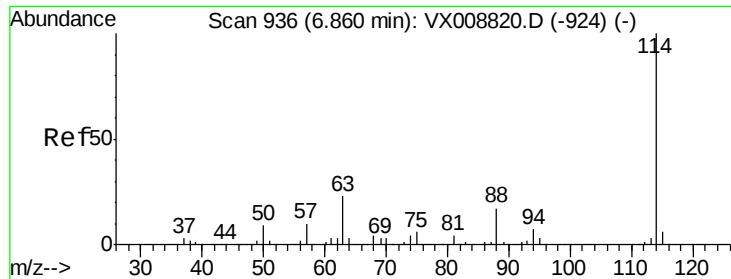
Tgt Ion: 42 Resp: 1164  
Ion Ratio Lower Upper  
42 100  
72 14.4 30.5 45.7#  
71 29.5 28.6 43.0



#33  
1,2-Dichloroethane-d4  
Concen: 46.084 ug/l  
RT: 6.06 min Scan# 805  
Delta R.T. -0.00 min  
Lab File: VX008867.D  
Acq: 11 Apr 2019 21:10

Tgt Ion: 65 Resp: 131196  
Ion Ratio Lower Upper  
65 100  
67 53.7 0.0 107.2

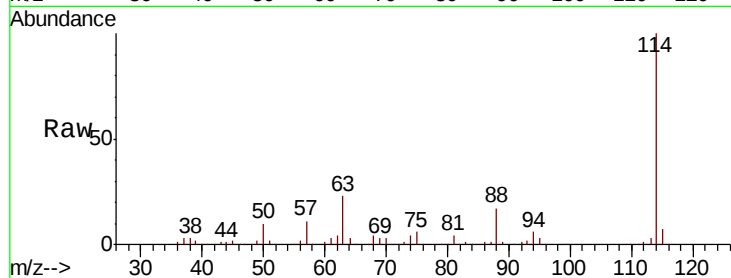




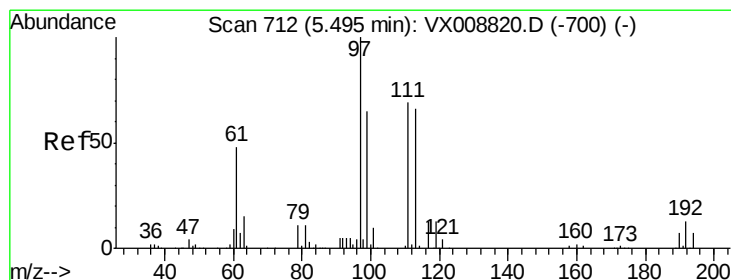
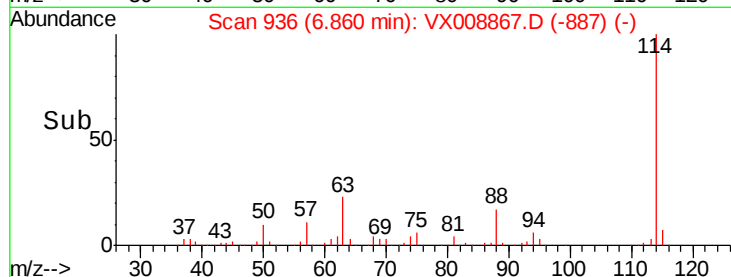
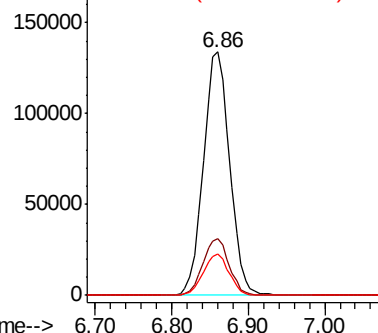
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.86 min Scan# 936  
Delta R.T. -0.00 min  
Lab File: VX008867.D  
Acq: 11 Apr 2019 21:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
BCOG01

Tgt Ion:114 Resp: 317192  
Ion Ratio Lower Upper  
114 100  
63 23.3 0.0 47.2  
88 16.9 0.0 34.0

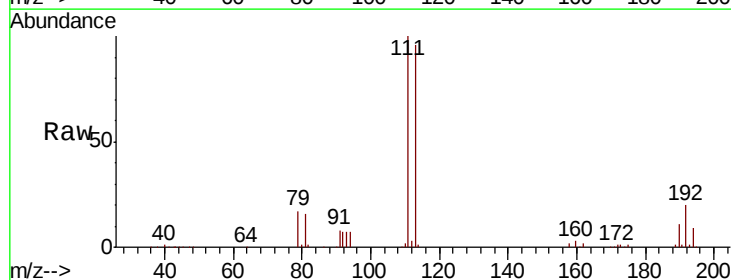


Abundance Ion 113.90 (113.60 to 114.60): V  
Ion 63.00 (62.70 to 63.70): VX0  
Ion 87.90 (87.60 to 88.60): VX0

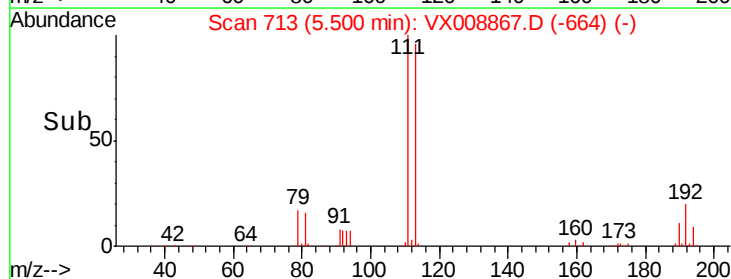
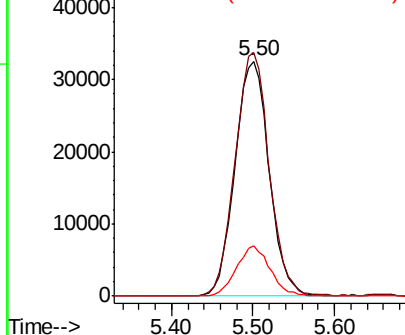


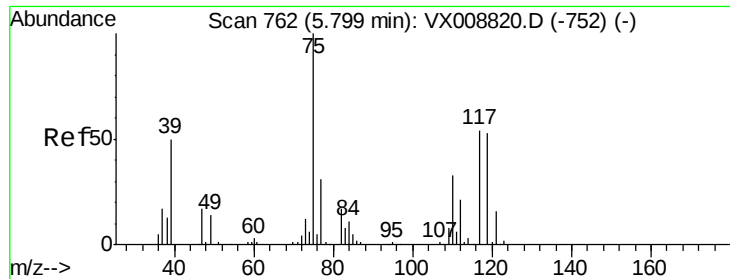
#35  
Dibromofluoromethane  
Concen: 46.584 ug/l  
RT: 5.50 min Scan# 713  
Delta R.T. -0.00 min  
Lab File: VX008867.D  
Acq: 11 Apr 2019 21:10

Tgt Ion:113 Resp: 94472  
Ion Ratio Lower Upper  
113 100  
111 103.4 83.4 125.2  
192 21.0 16.1 24.1



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

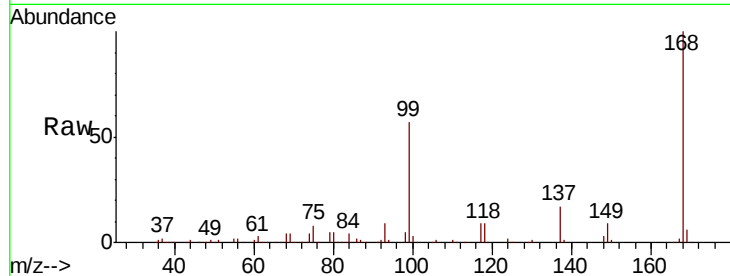




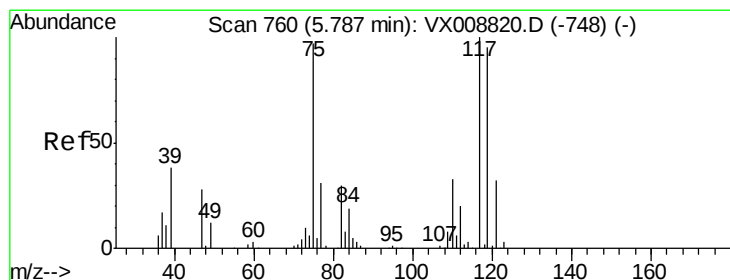
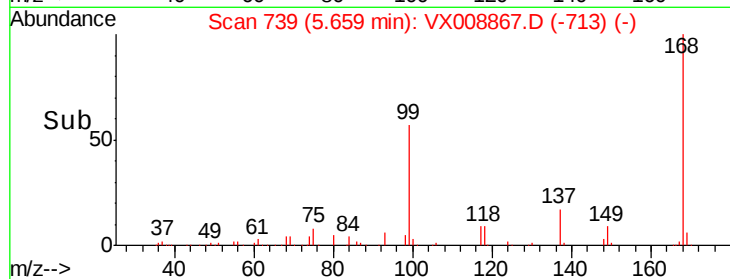
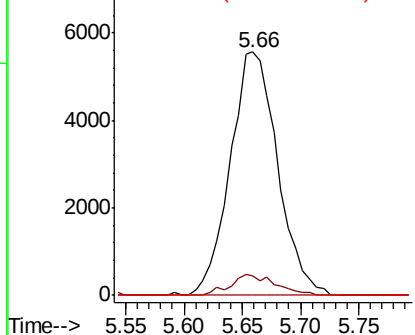
#36  
 1,1-Dichloropropene  
 Concen: 4.539 ug/l  
 RT: 5.66 min Scan# 739  
 Delta R.T. -0.14 min  
 Lab File: VX008867.D  
 Acq: 11 Apr 2019 21:10

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BCOG01

Tgt Ion: 75 Resp: 15739  
 Ion Ratio Lower Upper  
 75 100  
 110 8.2 16.4 49.2#  
 77 0.0 24.7 37.1#

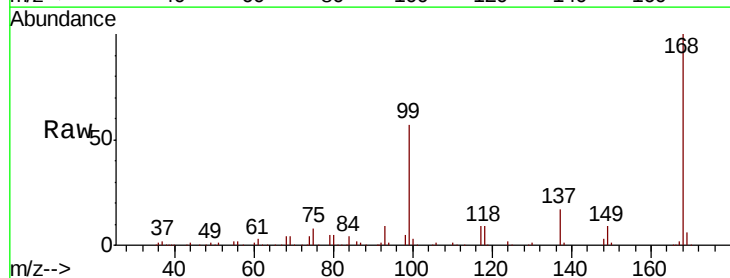


Abundance Ion 74.90 (74.60 to 75.60): VX0  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): VX0

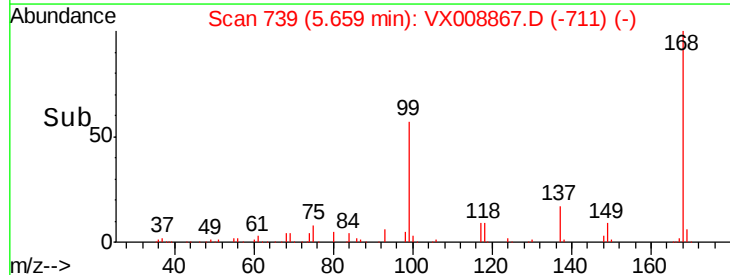
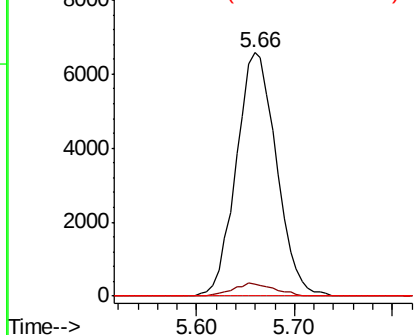


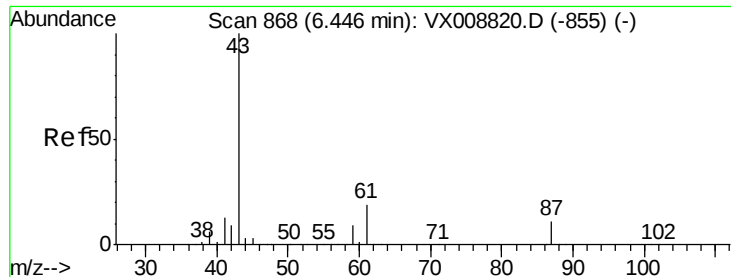
#38  
 Carbon Tetrachloride  
 Concen: 6.522 ug/l  
 RT: 5.66 min Scan# 739  
 Delta R.T. -0.13 min  
 Lab File: VX008867.D  
 Acq: 11 Apr 2019 21:10

Tgt Ion: 117 Resp: 18717  
 Ion Ratio Lower Upper  
 117 100  
 119 4.8 75.0 112.6#  
 121 0.0 24.3 36.5#



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





#43

Isopropyl Acetate

Concen: 1.347 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX008867.D

Acq: 11 Apr 2019 21:10

Instrument :

MSVOA\_X

ClientSampleId :

BCOG01

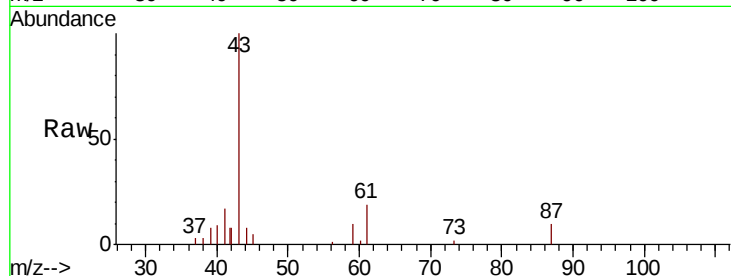
Tgt Ion: 43 Resp: 9768

Ion Ratio Lower Upper

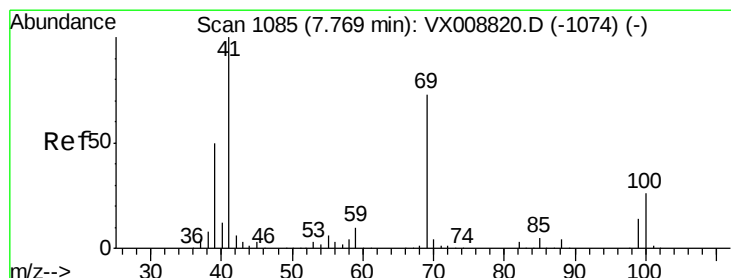
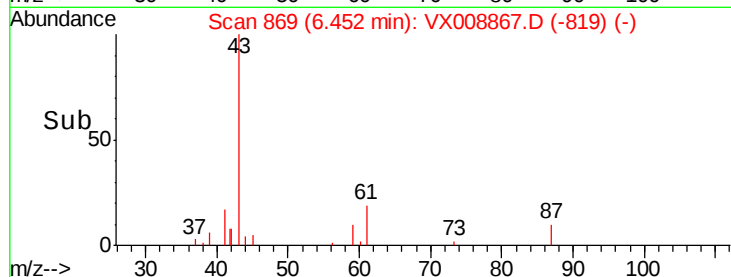
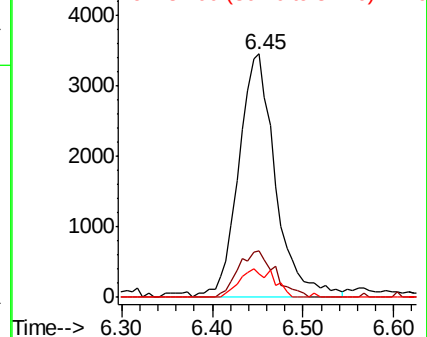
43 100

61 19.2 15.3 22.9

87 10.8 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 61.00 (60.70 to 61.70): VX0  
Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 1.658 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX008867.D

Acq: 11 Apr 2019 21:10

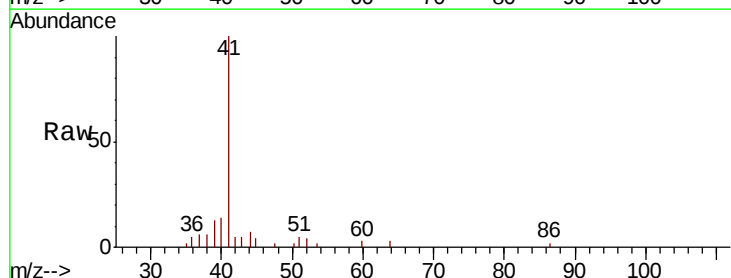
Tgt Ion: 41 Resp: 6080

Ion Ratio Lower Upper

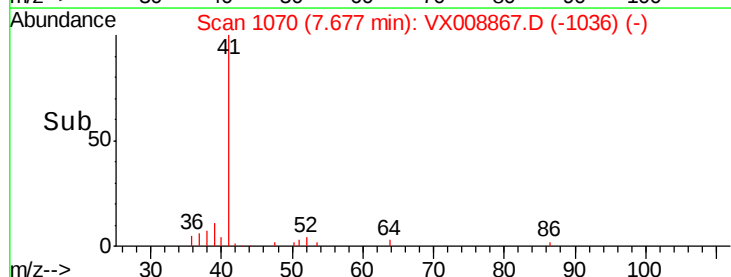
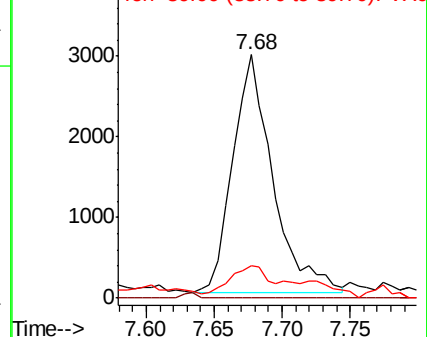
41 100

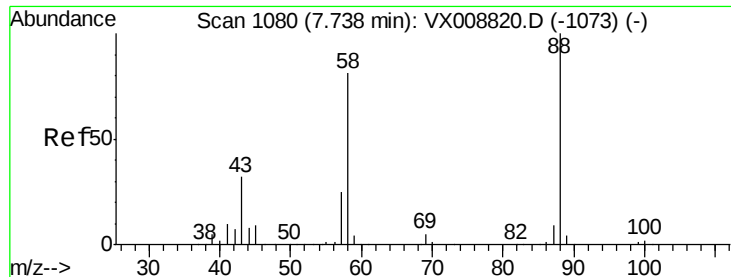
69 0.0 59.0 88.4#

39 0.0 41.0 61.4#



Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0

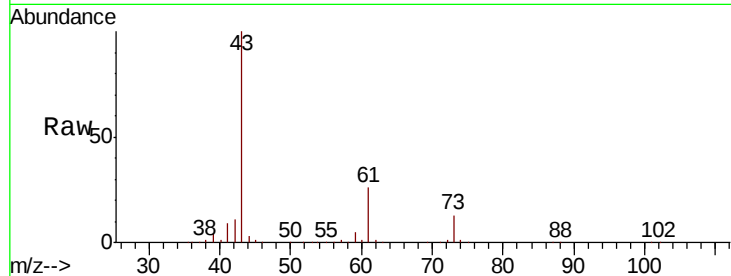




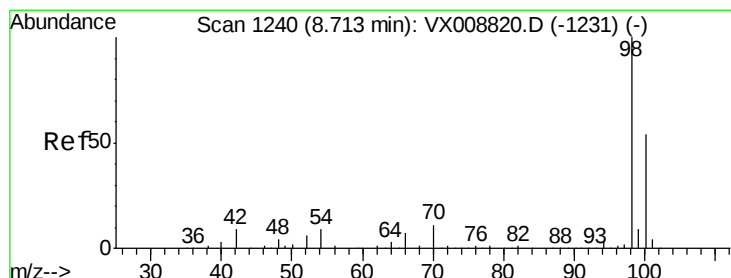
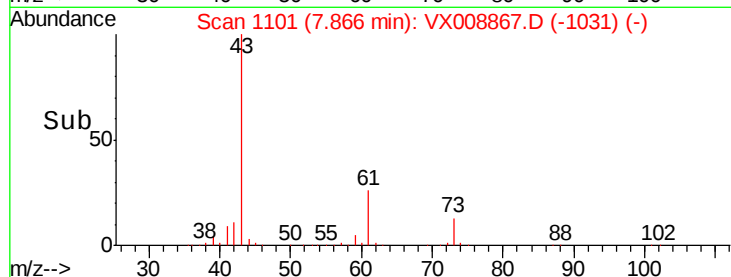
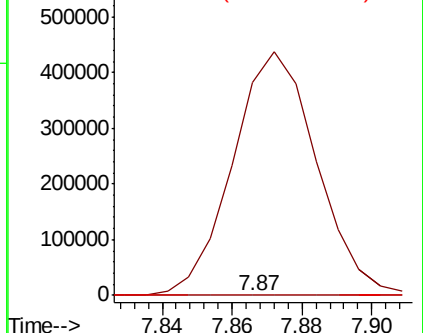
#49  
 1,4-Dioxane  
 Concen: 1.572 ug/l  
 RT: 7.87 min Scan# 1101  
 Delta R.T. 0.13 min  
 Lab File: VX008867.D  
 Acq: 11 Apr 2019 21:10

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 BCOG01

Tgt Ion: 88 Resp: 108  
 Ion Ratio Lower Upper  
 88 100  
 43 683906.5 28.6 43.0#  
 58 2688.0 62.2 93.2#

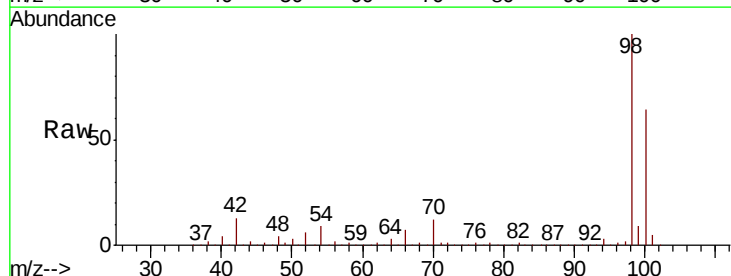


Abundance Ion 88.00 (87.70 to 88.70): VX0  
 Ion 43.00 (42.70 to 43.70): VX0  
 Ion 58.00 (57.70 to 58.70): VX0

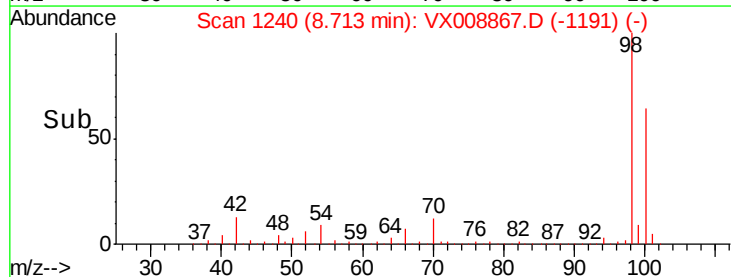
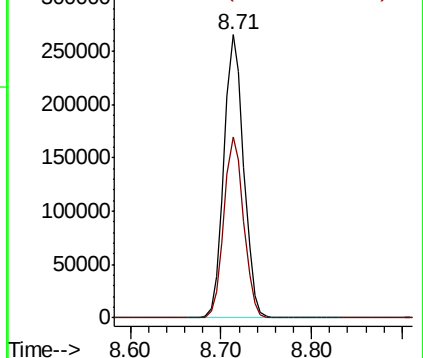


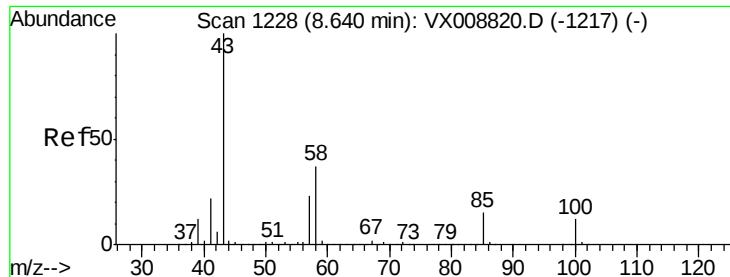
#50  
 Toluene-d8  
 Concen: 49.897 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. -0.00 min  
 Lab File: VX008867.D  
 Acq: 11 Apr 2019 21:10

Tgt Ion: 98 Resp: 402920  
 Ion Ratio Lower Upper  
 98 100  
 100 64.0 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0  
 Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 14.431 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX008867.D

Acq: 11 Apr 2019 21:10

Instrument :

MSVOA\_X

ClientSampleId :

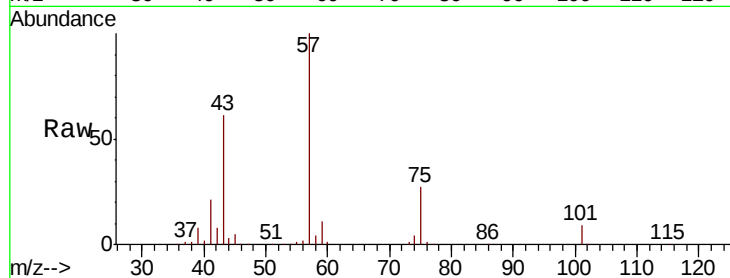
BCOG01

Tgt Ion: 43 Resp: 67347

Ion Ratio Lower Upper

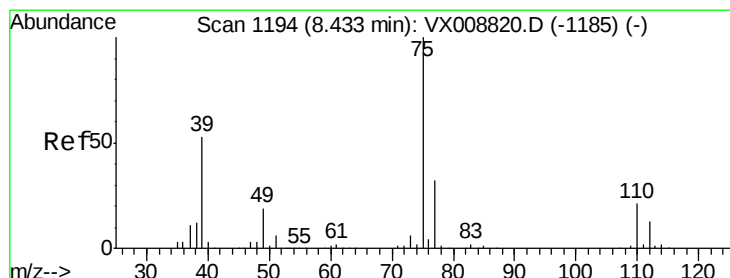
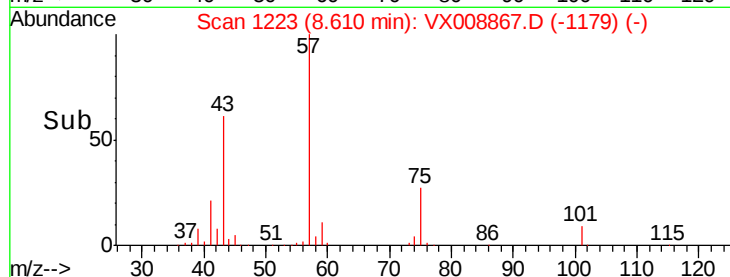
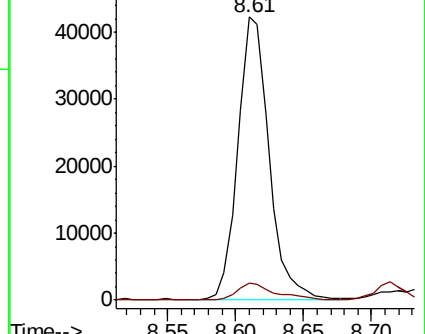
43 100

58 7.6 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 6.959 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. 0.18 min

Lab File: VX008867.D

Acq: 11 Apr 2019 21:10

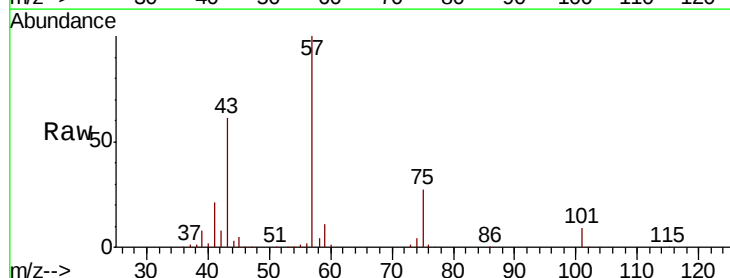
Tgt Ion: 75 Resp: 28717

Ion Ratio Lower Upper

75 100

77 0.5 25.3 37.9#

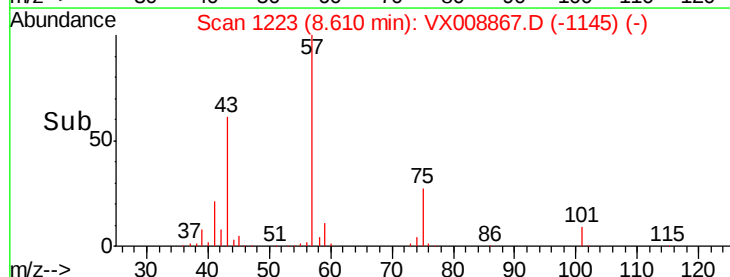
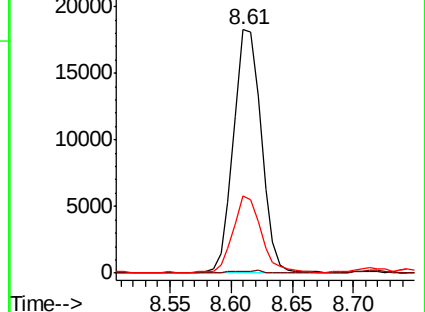
39 31.9 42.6 63.8#

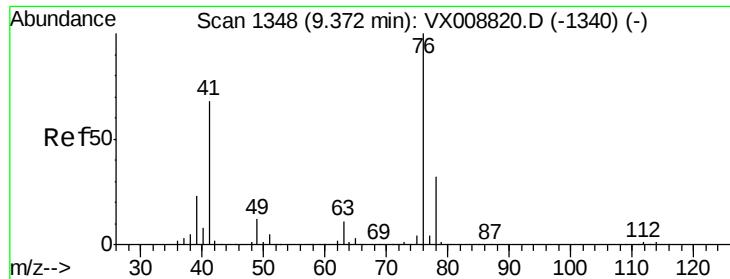


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

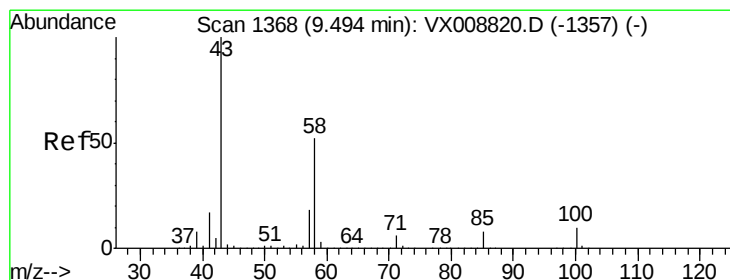
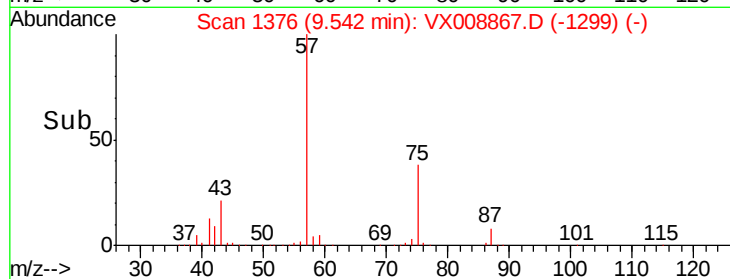
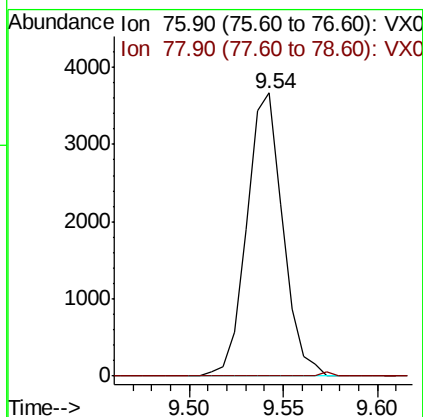
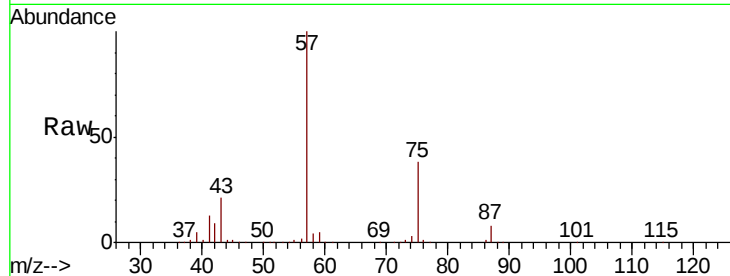




#57  
 1,3-Dichloropropane  
 Concen: 1.105 ug/l  
 RT: 9.54 min Scan# 1376  
 Delta R.T. 0.17 min  
 Lab File: VX008867.D  
 Acq: 11 Apr 2019 21:10

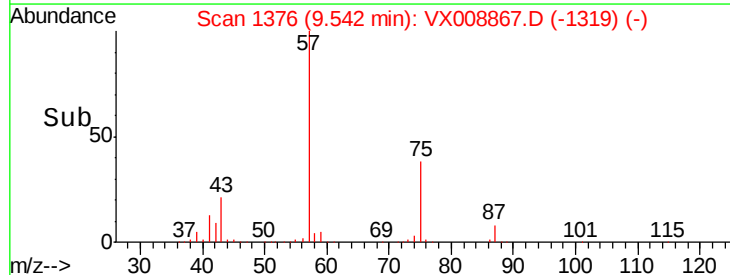
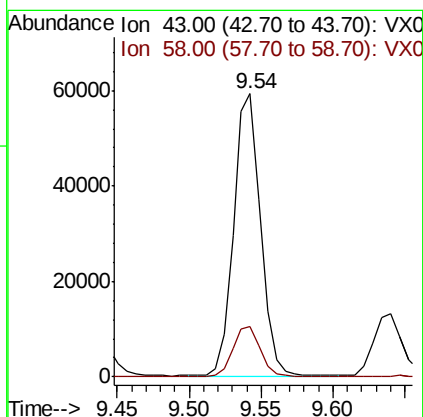
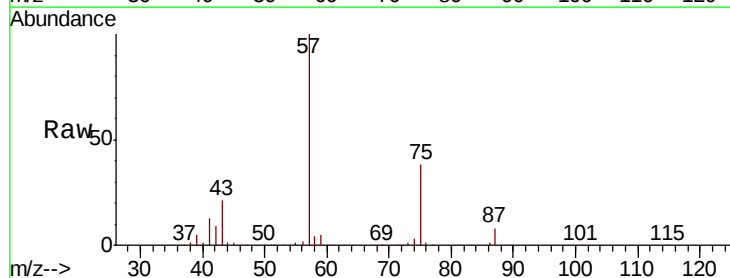
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BCOG01

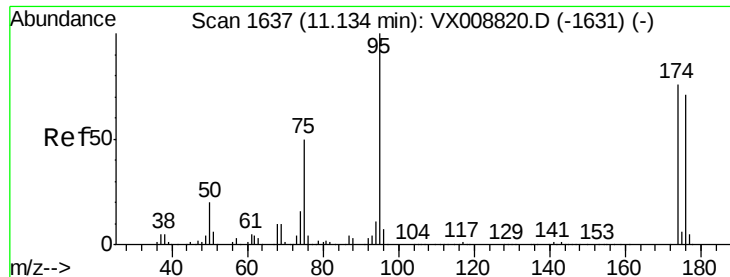
Tgt Ion: 76 Resp: 4850  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 25.6 38.4#



#59  
 2-Hexanone  
 Concen: 21.342 ug/l  
 RT: 9.54 min Scan# 1376  
 Delta R.T. 0.05 min  
 Lab File: VX008867.D  
 Acq: 11 Apr 2019 21:10

Tgt Ion: 43 Resp: 77404  
 Ion Ratio Lower Upper  
 43 100  
 58 18.8 25.9 77.7#





#62

4-Bromofluorobenzene

Concen: 48.079 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008867.D

Acq: 11 Apr 2019 21:10

Instrument :

MSVOA\_X

ClientSampleId :

BCOG01

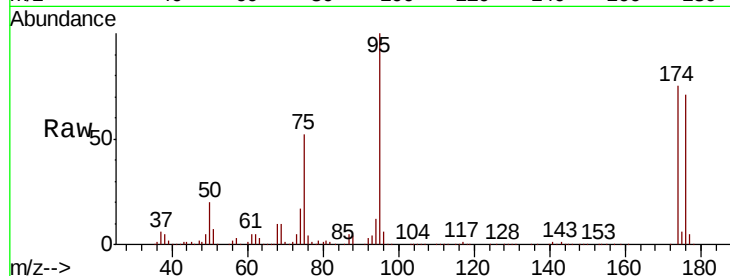
Tgt Ion: 95 Resp: 137676

Ion Ratio Lower Upper

95 100

174 78.5 0.0 151.8

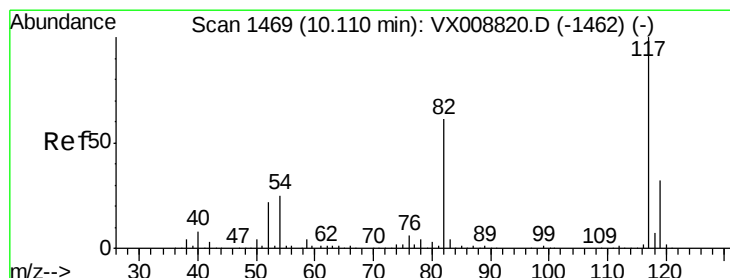
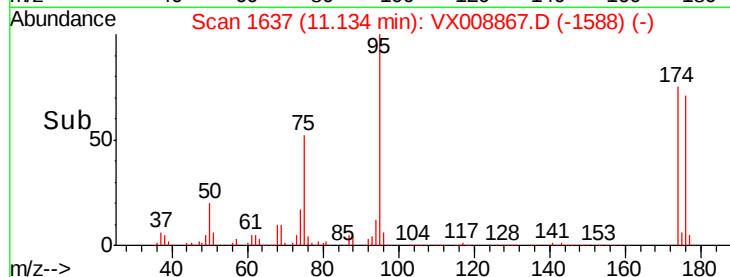
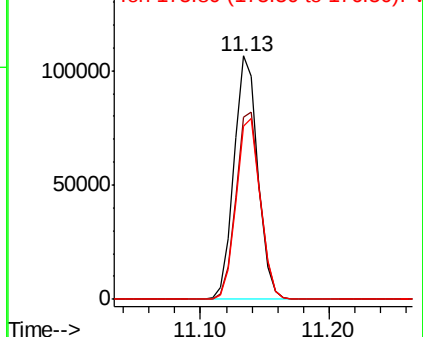
176 75.4 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008820.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX008820.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX008820.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008867.D

Acq: 11 Apr 2019 21:10

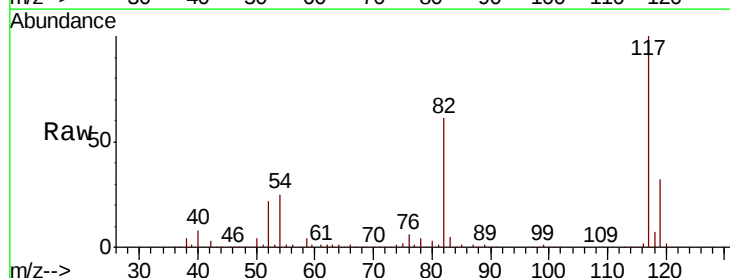
Tgt Ion: 117 Resp: 281380

Ion Ratio Lower Upper

117 100

82 61.1 49.6 74.4

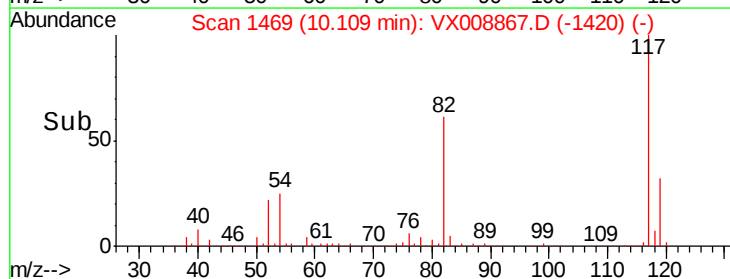
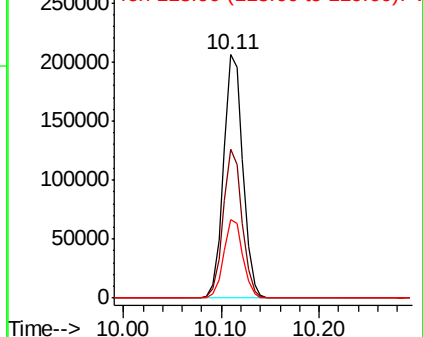
119 32.2 25.0 37.4

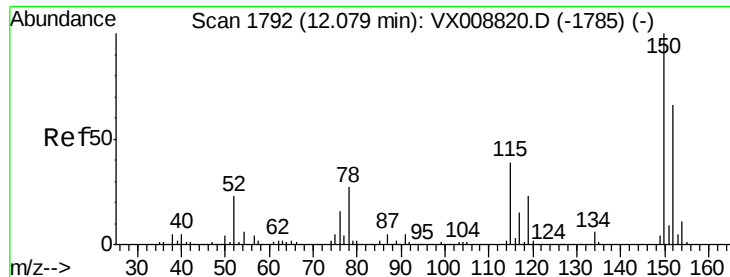


Abundance Ion 116.90 (116.60 to 117.60): VX008820.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008820.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008820.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008867.D

Acq: 11 Apr 2019 21:10

Instrument :

MSVOA\_X

ClientSampleId :

BCOG01

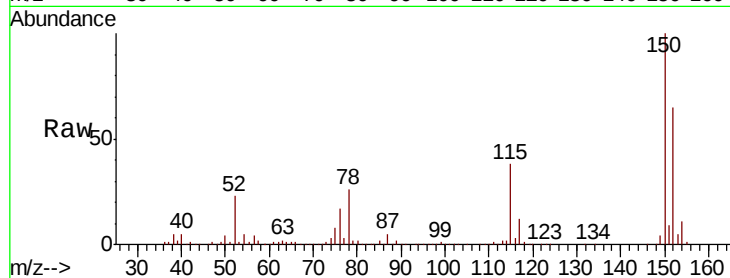
Tgt Ion:152 Resp: 123317

Ion Ratio Lower Upper

152 100

115 60.0 43.5 130.5

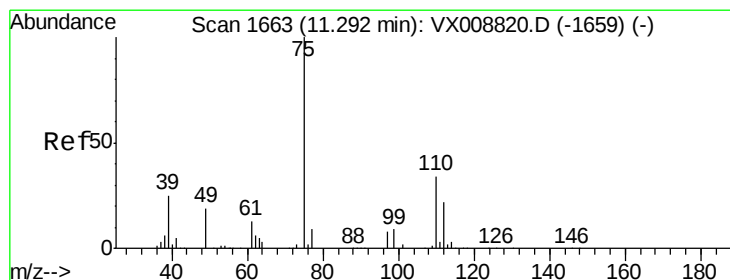
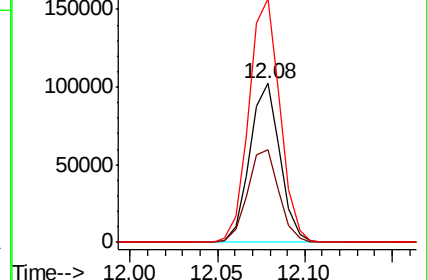
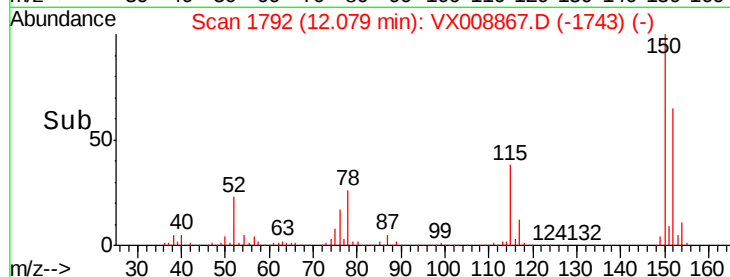
150 157.0 0.0 348.8



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: 20.735 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008867.D

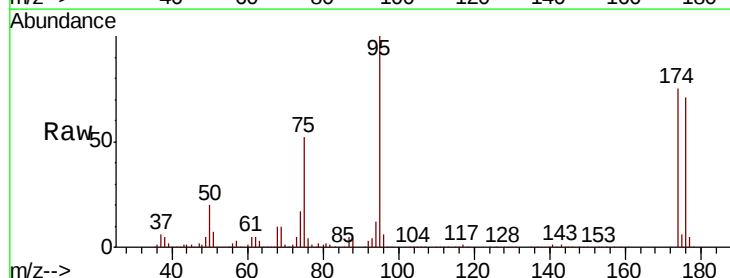
Acq: 11 Apr 2019 21:10

Tgt Ion: 75 Resp: 70244

Ion Ratio Lower Upper

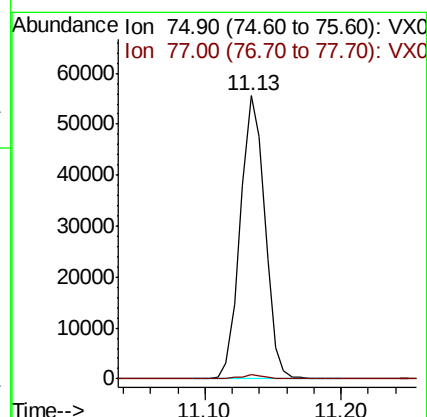
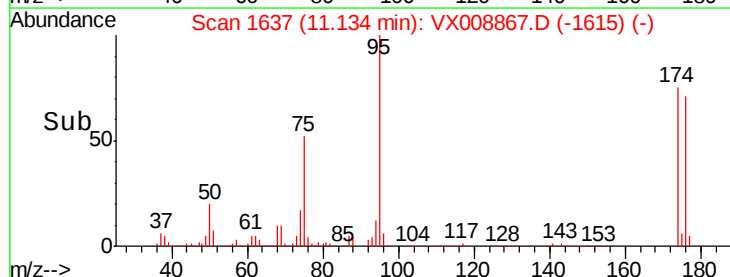
75 100

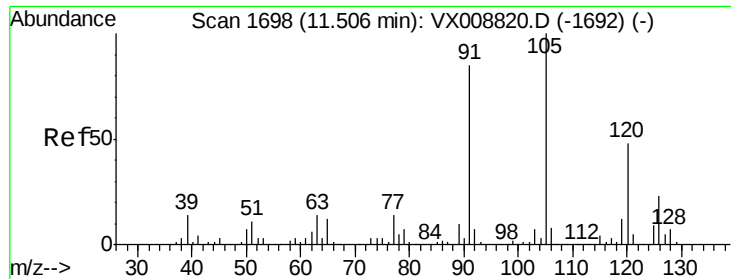
77 1.4 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

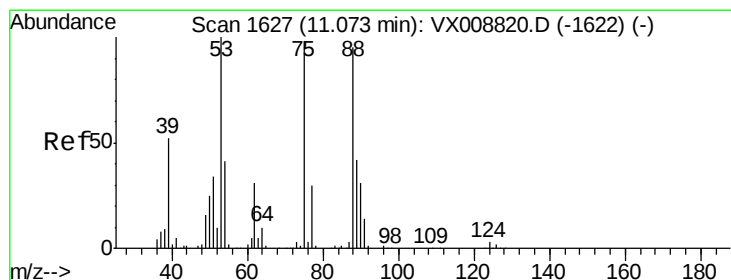
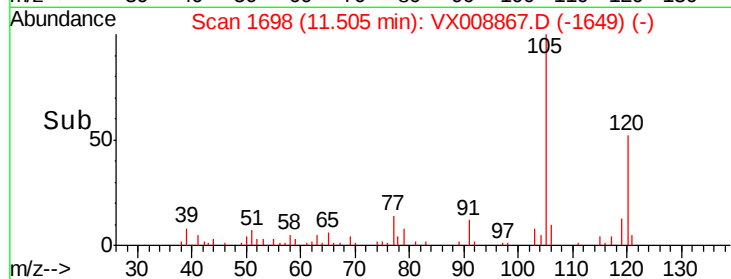
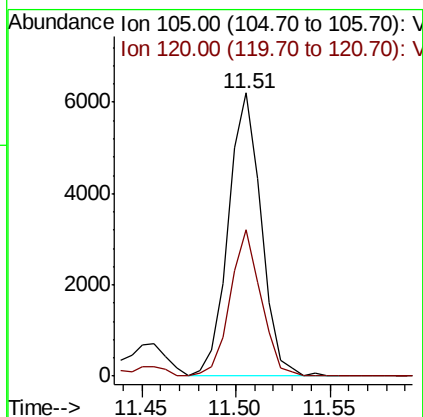
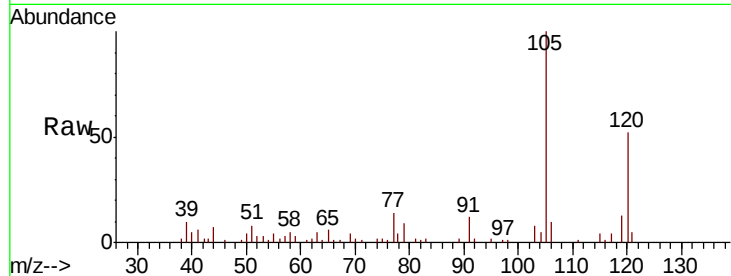




#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.870 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX008867.D  
 Acq: 11 Apr 2019 21:10

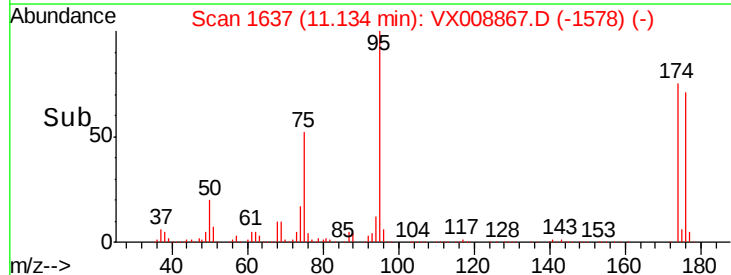
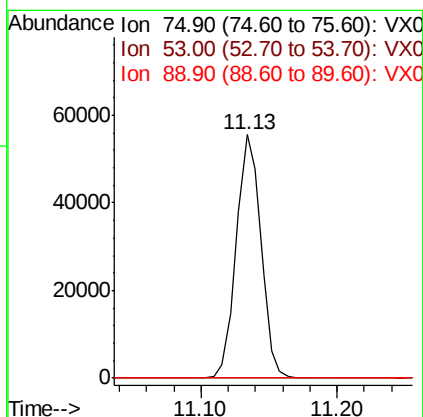
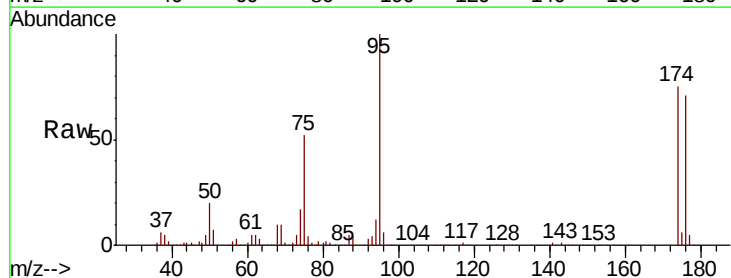
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BCOG01

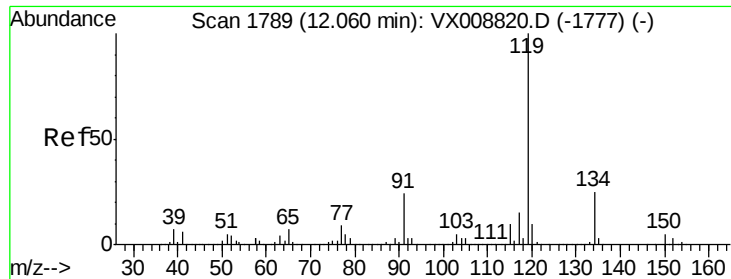
Tgt Ion: 105 Resp: 7466  
 Ion Ratio Lower Upper  
 105 100  
 120 48.9 23.5 70.6



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 57.158 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. 0.06 min  
 Lab File: VX008867.D  
 Acq: 11 Apr 2019 21:10

Tgt Ion: 75 Resp: 70244  
 Ion Ratio Lower Upper  
 75 100  
 53 0.1 81.3 121.9#  
 89 0.0 35.6 53.4#





#86

p-Isopropyltoluene

Concen: 0.911 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.04 min

Lab File: VX008867.D

Acq: 11 Apr 2019 21:10

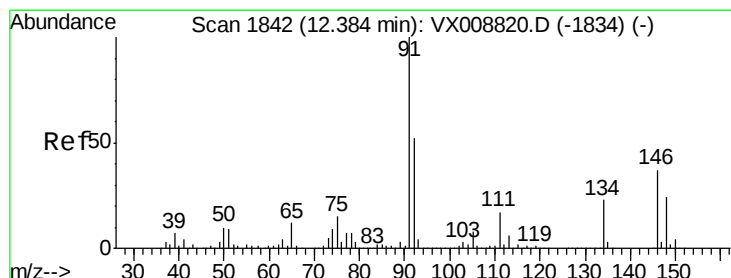
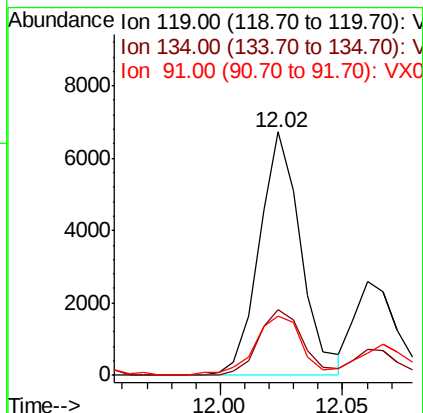
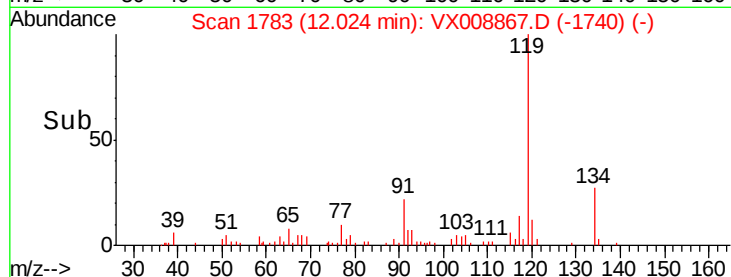
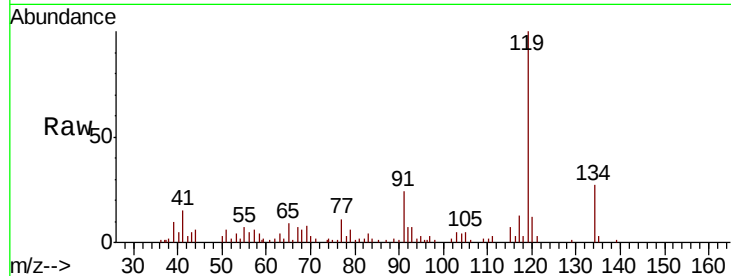
Instrument :

MSVOA\_X

ClientSampleId :

BCOG01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 8015  |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 134      | 28.8  | 12.8  | 38.4  |
| 91       | 27.2  | 12.2  | 36.6  |



#89

n-Butylbenzene

Concen: 0.521 ug/l

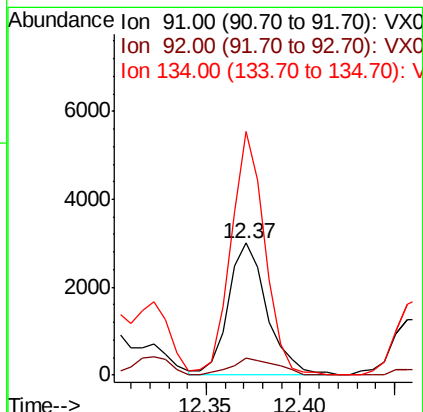
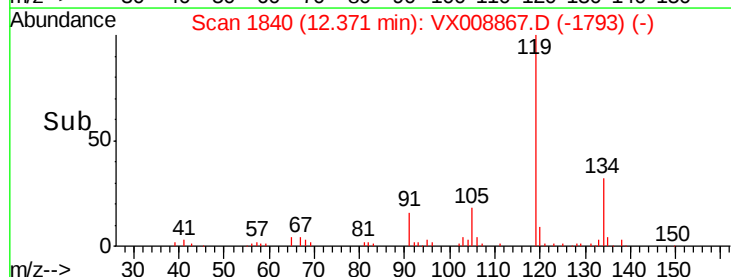
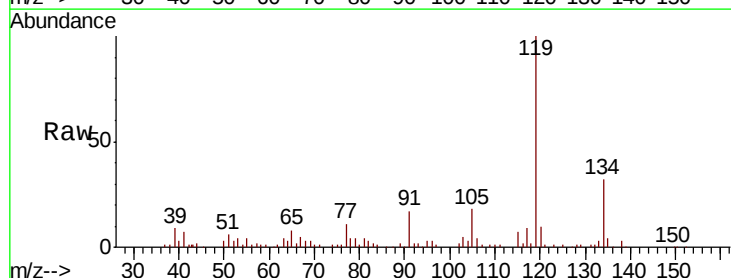
RT: 12.37 min Scan# 1840

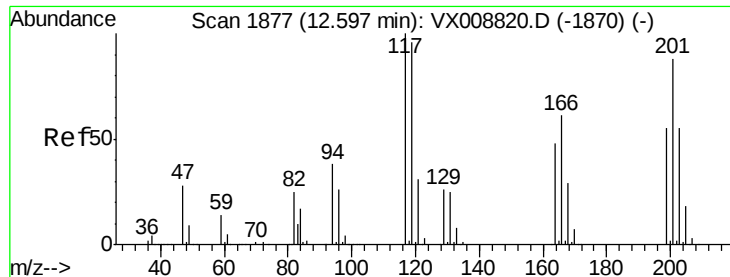
Delta R.T. -0.01 min

Lab File: VX008867.D

Acq: 11 Apr 2019 21:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 4302  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 15.0  | 26.4  | 79.2# |
| 134      | 160.4 | 12.0  | 36.0# |

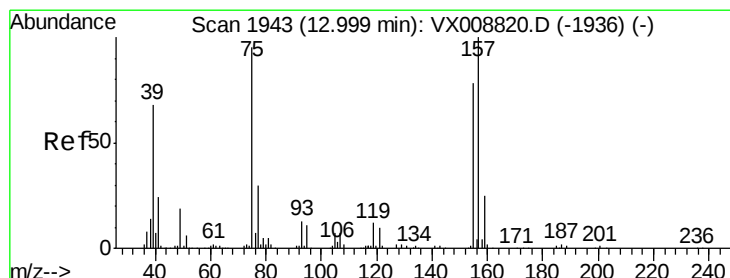
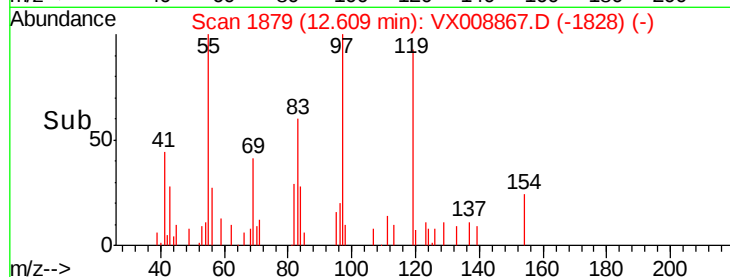
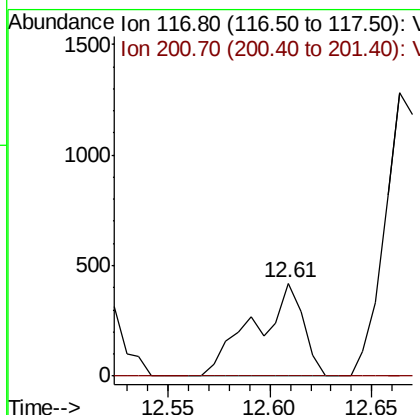
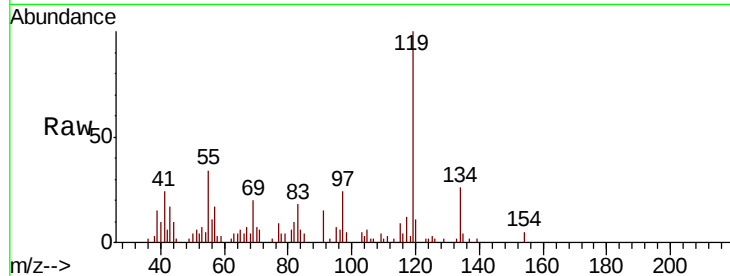




#90  
Hexachloroethane  
Concen: 0.479 ug/l  
RT: 12.61 min Scan# 1879  
Delta R.T. 0.01 min  
Lab File: VX008867.D  
Acq: 11 Apr 2019 21:10

Instrument :  
MSVOA\_X  
ClientSampled :  
BCOG01

Tgt Ion: 117 Resp: 699  
Ion Ratio Lower Upper  
117 100  
201 0.0 40.6 122.0#



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.337 ug/l  
RT: 13.02 min Scan# 1946  
Delta R.T. 0.02 min  
Lab File: VX008867.D  
Acq: 11 Apr 2019 21:10

Tgt Ion: 75 Resp: 288  
Ion Ratio Lower Upper  
75 100  
155 18.1 39.9 119.6#  
157 0.0 51.5 154.7#

