

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX041119\
 Data File : VX008869.D
 Acq On : 11 Apr 2019 21:56
 Operator : JC/SP
 Sample : K2347-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BCOG03

Quant Time: Apr 12 07:40:06 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	188373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117309	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	125144	45.55	ug/l	0.00
Spiked Amount			Recovery	=	91.10%	
35) Dibromofluoromethane	5.50	113	89441	46.10	ug/l	0.00
Spiked Amount			Recovery	=	92.20%	
50) Toluene-d8	8.71	98	383487	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.13	95	131369	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	

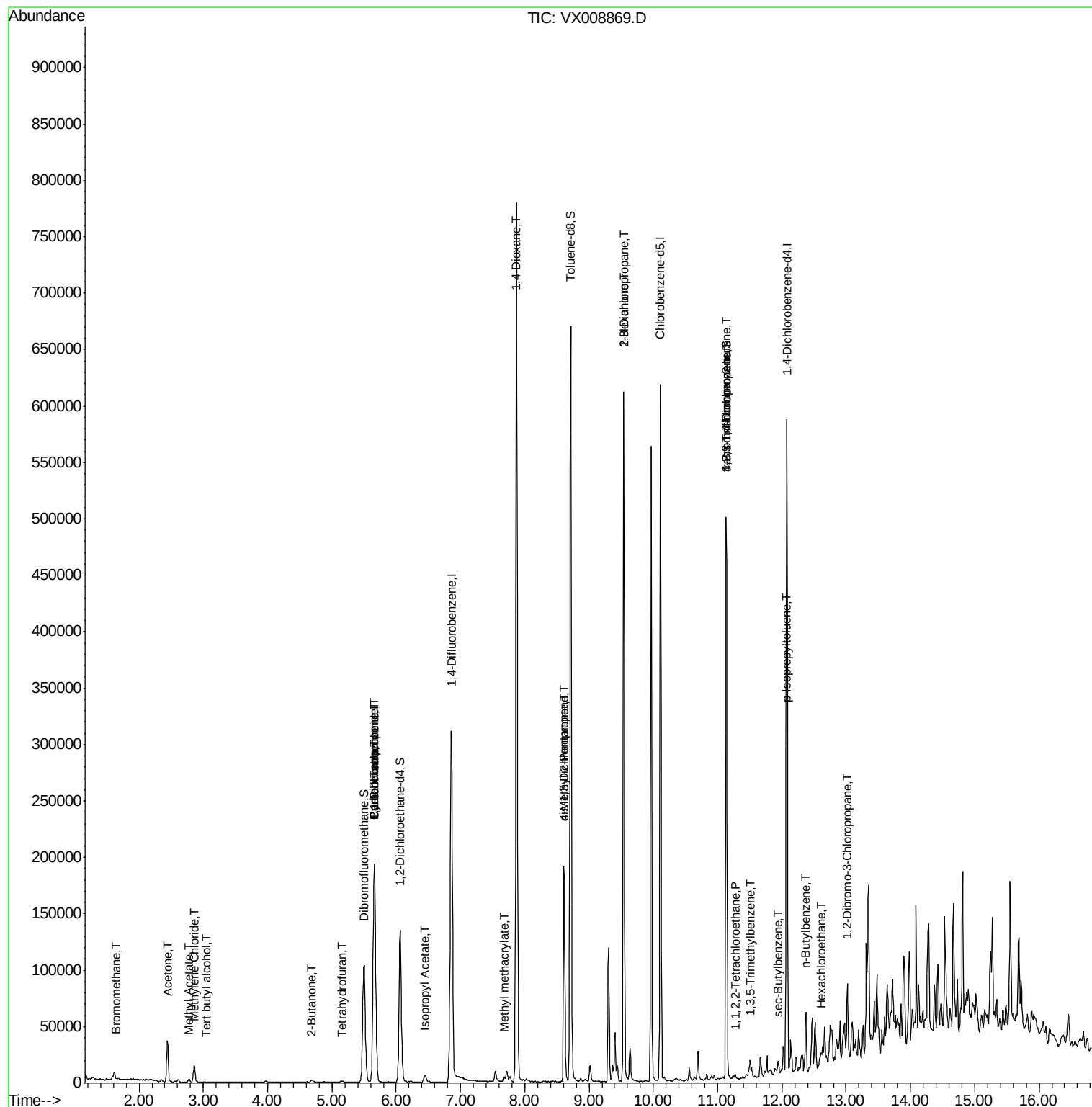
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	277	Below Cal	#	84
5) Bromomethane	1.64	94	154	1.988	ug/l #	34
6) Chloroethane	1.73	64	140	Below Cal	#	43
11) Tert butyl alcohol	3.05	59	222	0.345	ug/l #	72
16) Acetone	2.44	43	39075	24.692	ug/l	99
17) Carbon Disulfide	2.57	76	499	Below Cal	#	75
18) Methyl Acetate	2.78	43	3519	0.917	ug/l	97
20) Methylene Chloride	2.85	84	6748	2.547	ug/l	97
25) 2-Butanone	4.68	43	3424	1.369	ug/l #	84
28) Bromochloromethane	4.99	49	23	Below Cal	#	22
29) Tetrahydrofuran	5.16	42	1255	0.756	ug/l #	57
31) Cyclohexane	5.66	56	4310	0.908	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14919	4.497	ug/l #	50
38) Carbon Tetrachloride	5.66	117	17992	6.553	ug/l #	17
43) Isopropyl Acetate	6.45	43	9720	1.401	ug/l	98
48) Methyl methacrylate	7.68	41	6048	1.724	ug/l #	18
49) 1,4-Dioxane	7.87	88	71	1.080	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	67267	15.065	ug/l #	51
54) cis-1,3-Dichloropropene	8.61	75	29212	7.399	ug/l #	59
57) 1,3-Dichloropropane	9.54	76	4812	1.146	ug/l #	43
59) 2-Hexanone	9.54	43	77887	22.445	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	11.27	83	817	0.221	ug/l #	38
76) 1,2,3-Trichloropropane	11.13	75	66742	20.711	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	6023	0.738	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.13	75	66742	57.090	ug/l #	9
85) sec-Butylbenzene	11.94	105	1979	0.212	ug/l	95
86) p-Isopropyltoluene	12.06	119	2886	0.345	ug/l	88
89) n-Butylbenzene	12.37	91	3598	0.458	ug/l #	1
90) Hexachloroethane	12.61	117	723	0.521	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	13.02	75	213	0.262	ug/l #	3

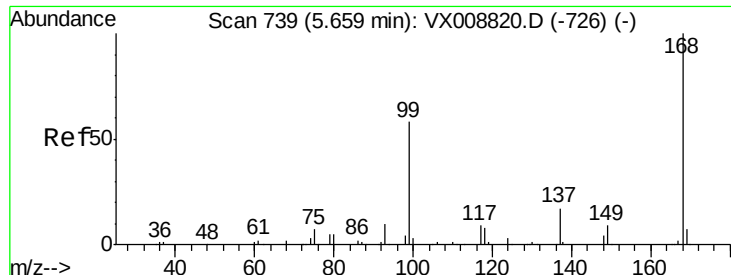
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008869.D

Acq: 11 Apr 2019 21:56

Instrument :

MSVOA_X

ClientSampleId :

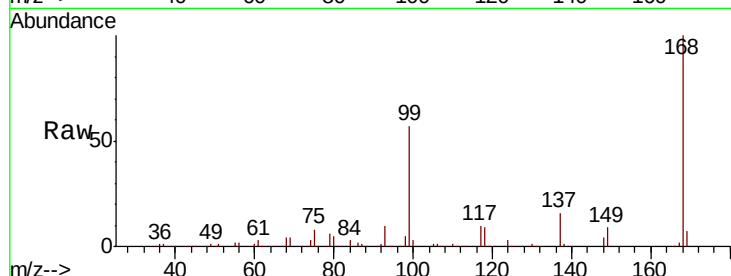
BCOG03

Tgt Ion:168 Resp: 188373

Ion Ratio Lower Upper

168 100

99 56.7 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

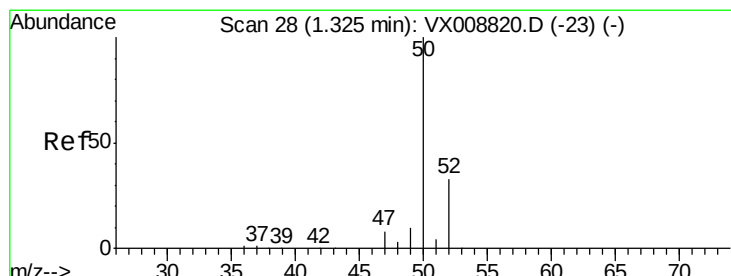
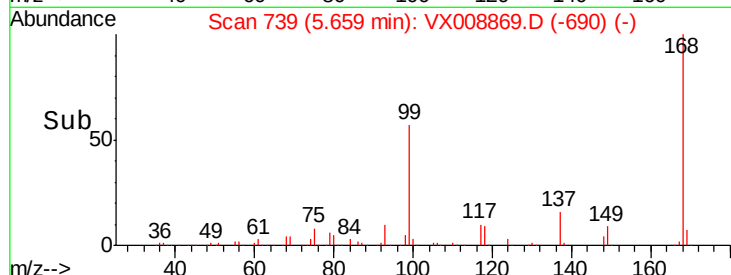
40000

20000

0

5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX008869.D

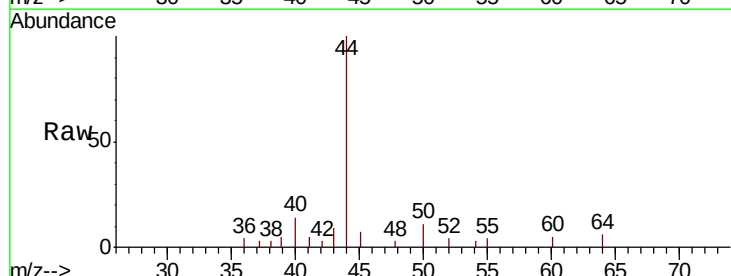
Acq: 11 Apr 2019 21:56

Tgt Ion: 50 Resp: 277

Ion Ratio Lower Upper

50 100

52 41.5 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

200

150

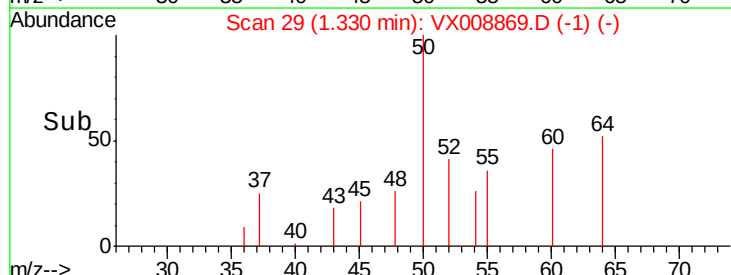
100

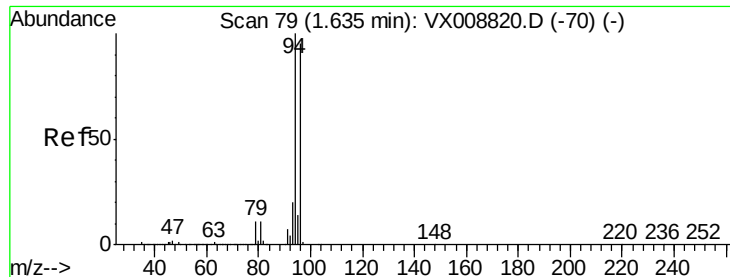
50

0

1.30 1.32 1.34 1.36

Time-->





#5

Bromomethane

Concen: 1.988 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX008869.D

Acq: 11 Apr 2019 21:56

Instrument :

MSVOA_X

ClientSampleId :

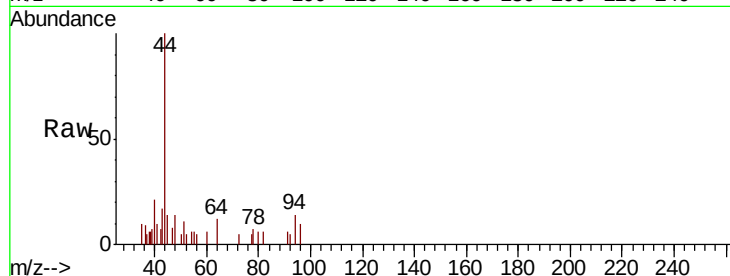
BCOG03

Tgt Ion: 94 Resp: 154

Ion Ratio Lower Upper

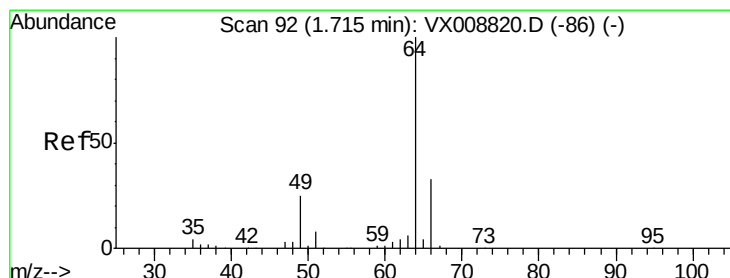
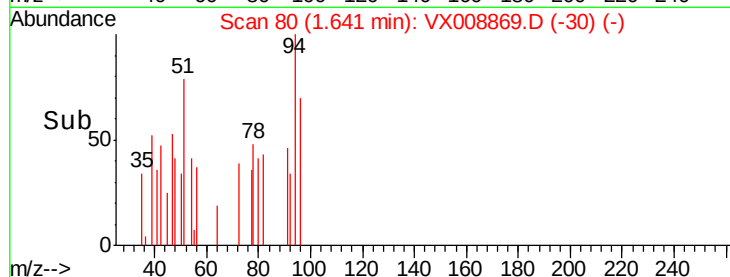
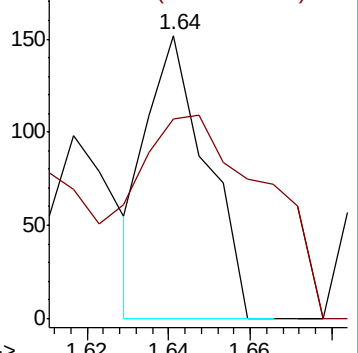
94 100

96 30.3 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: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX008869.D

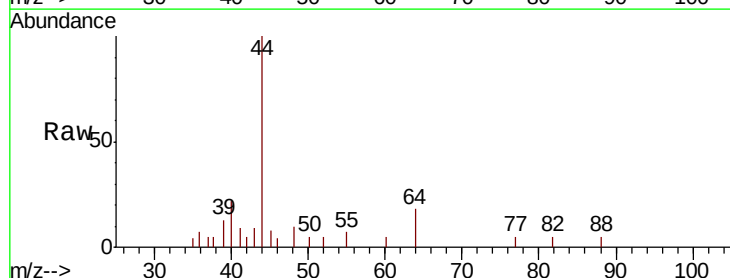
Acq: 11 Apr 2019 21:56

Tgt Ion: 64 Resp: 140

Ion Ratio Lower Upper

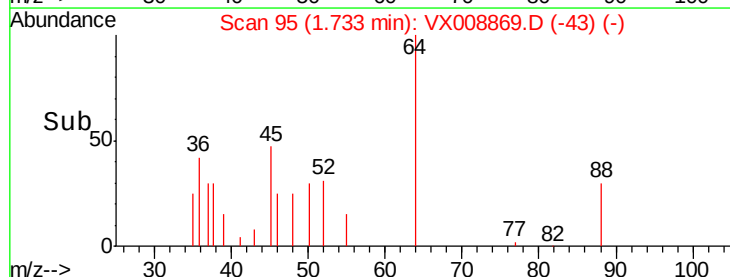
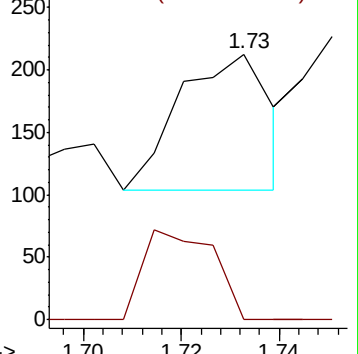
64 100

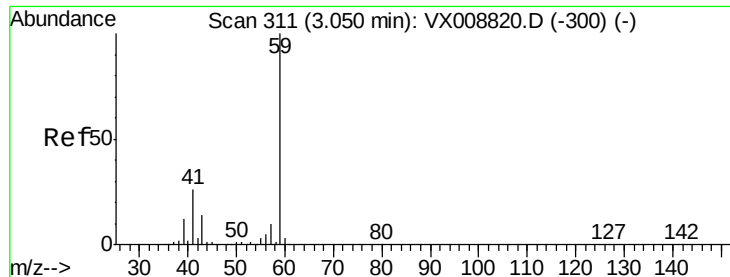
66 0.0 25.4 38.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

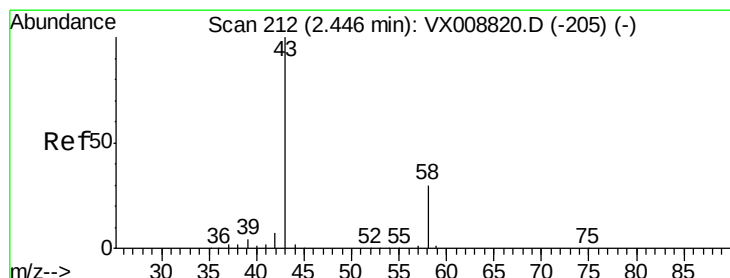
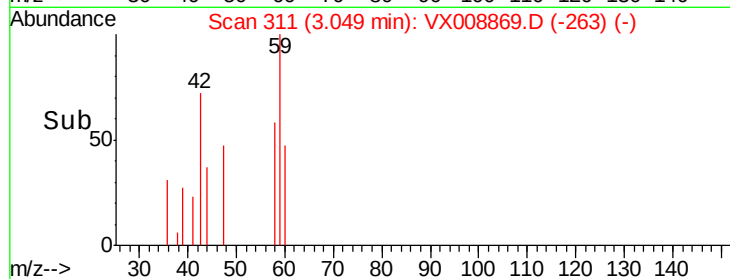
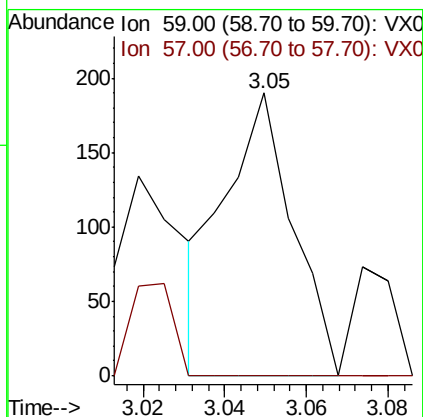
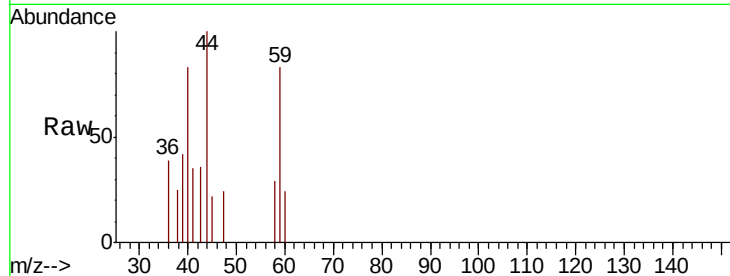




#11
Tert butyl alcohol
Concen: 0.345 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.01 min
Lab File: VX008869.D
Acq: 11 Apr 2019 21:56

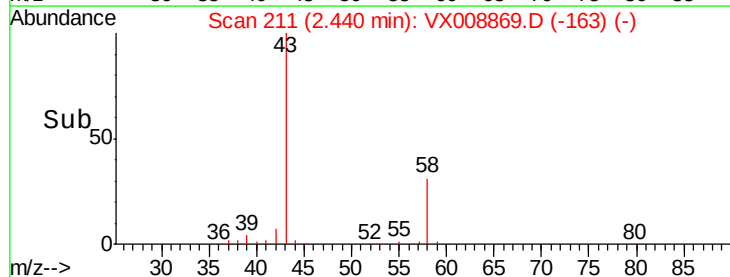
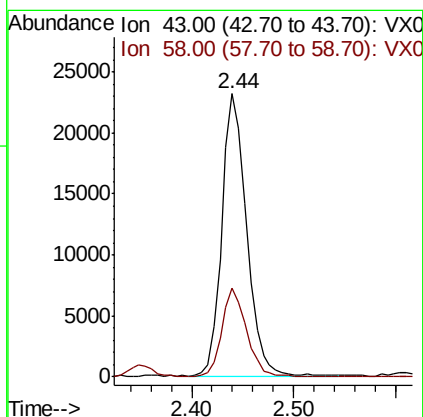
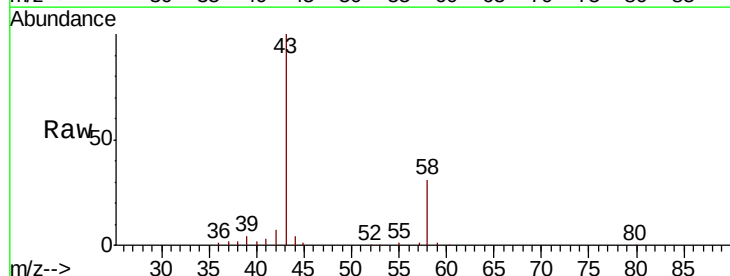
Instrument :
MSVOA_X
ClientSampleId :
BCOG03

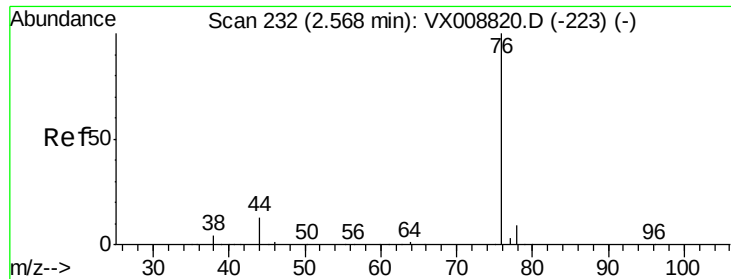
Tgt Ion: 59 Resp: 222
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 24.692 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008869.D
Acq: 11 Apr 2019 21:56

Tgt Ion: 43 Resp: 39075
Ion Ratio Lower Upper
43 100
58 31.4 24.8 37.2

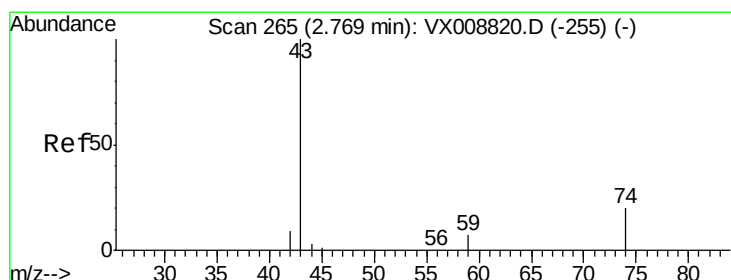
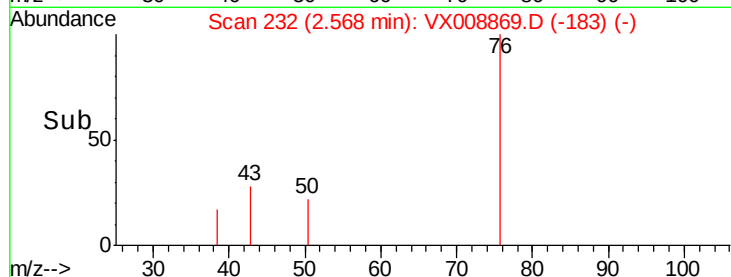
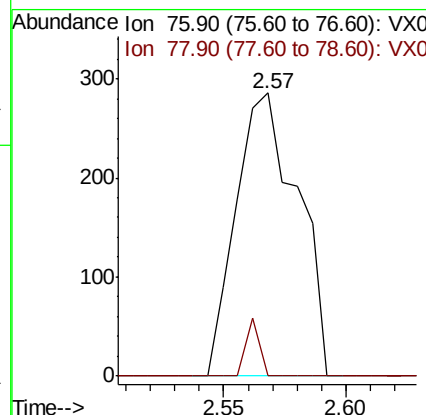
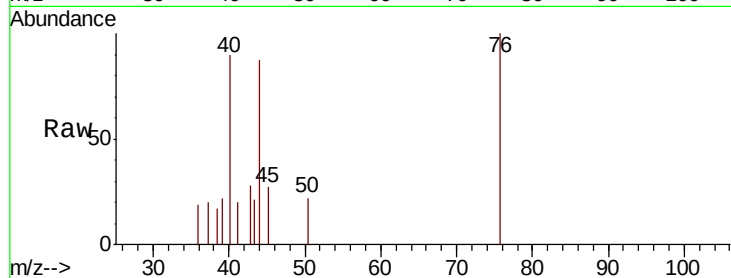




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX008869.D
Acq: 11 Apr 2019 21:56

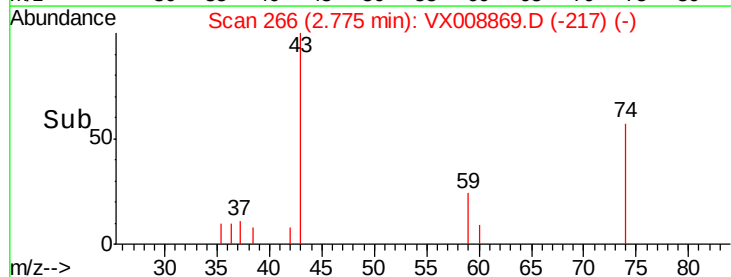
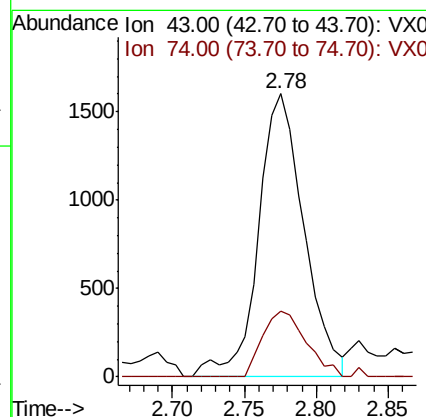
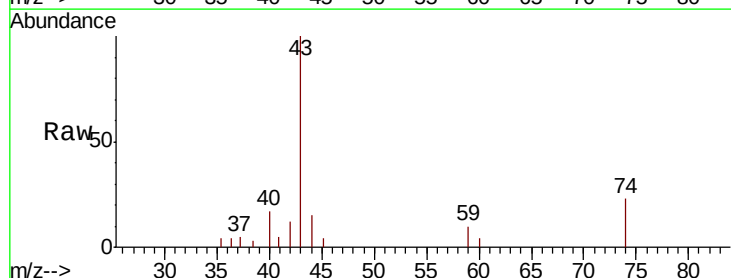
Instrument :
MSVOA_X
ClientSampleId :
BCOG03

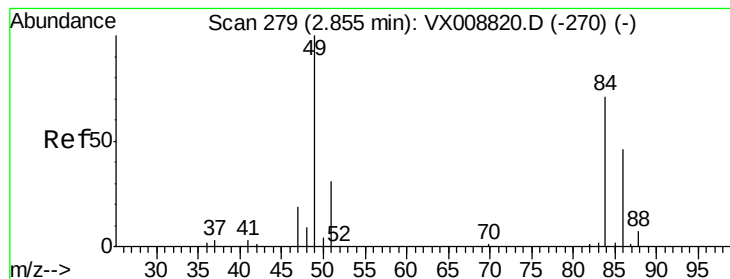
Tgt Ion: 76 Resp: 499
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: 0.917 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008869.D
Acq: 11 Apr 2019 21:56

Tgt Ion: 43 Resp: 3519
Ion Ratio Lower Upper
43 100
74 22.1 16.5 24.7





#20

Methylene Chloride

Concen: 2.547 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008869.D

Acq: 11 Apr 2019 21:56

Instrument :

MSVOA_X

ClientSampleId :

BCOG03

Tgt Ion: 84 Resp: 6748

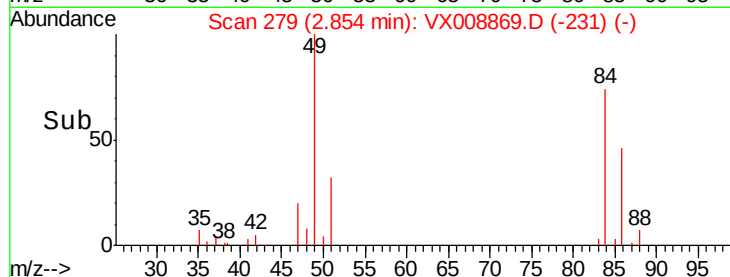
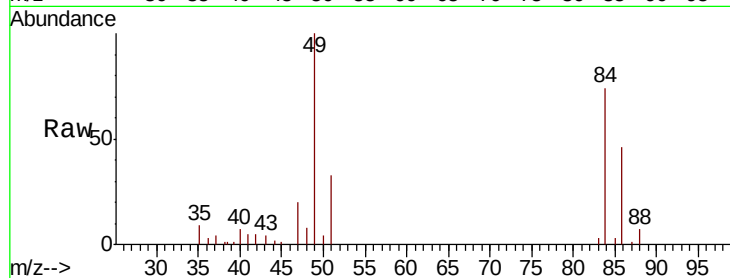
Ion Ratio Lower Upper

84 100

49 134.5 109.7 164.5

51 44.7 33.6 50.4

86 62.1 51.4 77.2

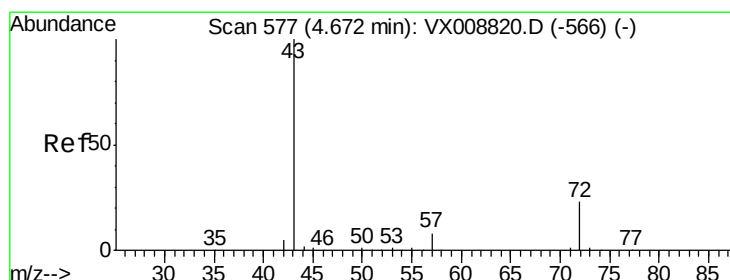
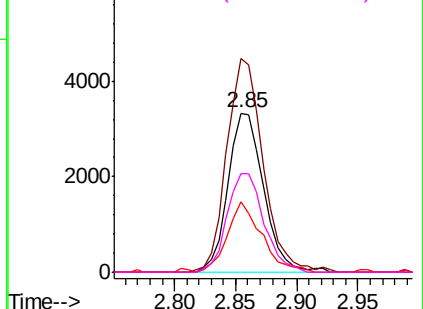


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 1.369 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008869.D

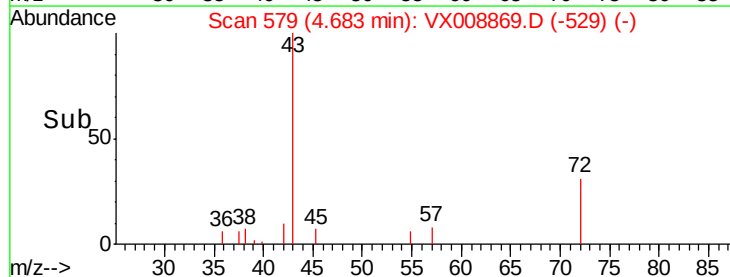
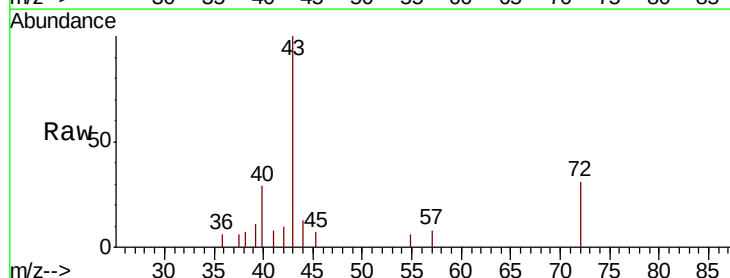
Acq: 11 Apr 2019 21:56

Tgt Ion: 43 Resp: 3424

Ion Ratio Lower Upper

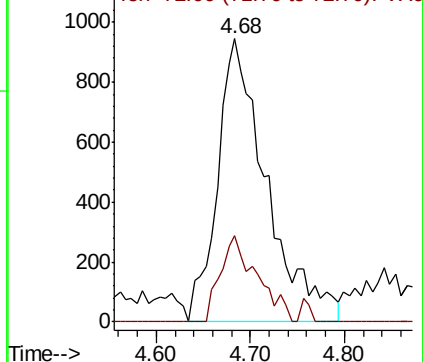
43 100

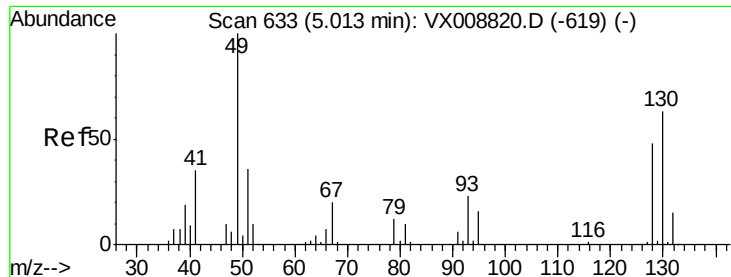
72 30.6 18.2 27.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 4.99 min Scan# 630

Delta R.T. -0.02 min

Lab File: VX008869.D

Acq: 11 Apr 2019 21:56

Instrument :

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BCOG03

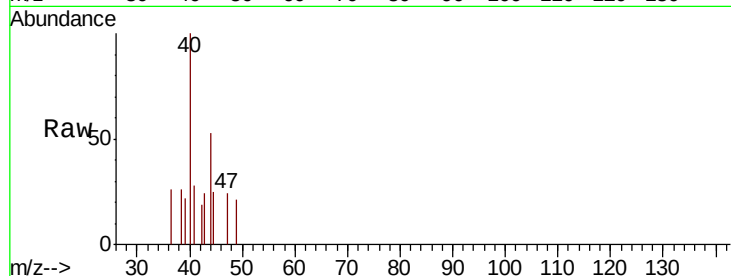
Tgt Ion: 49 Resp: 23

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 0.0 49.3 73.9#



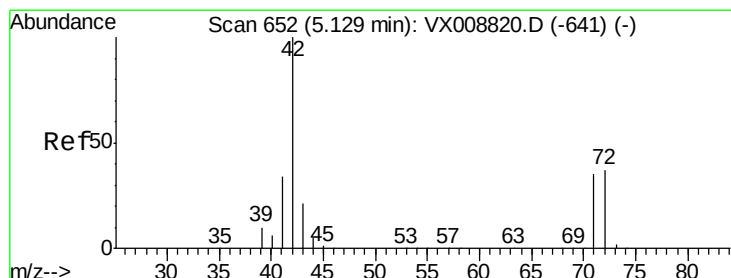
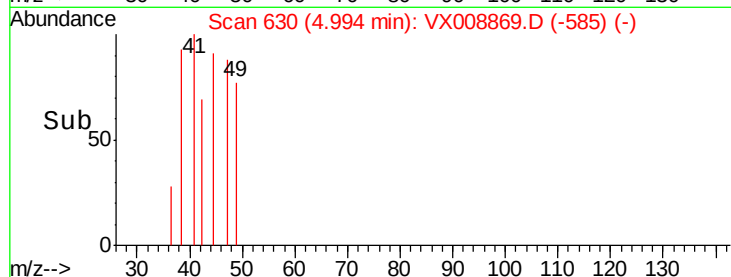
Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

4.99

Time--> 4.97 4.98 4.99 5.00 5.01



#29

Tetrahydrofuran

Concen: 0.756 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.03 min

Lab File: VX008869.D

Acq: 11 Apr 2019 21:56

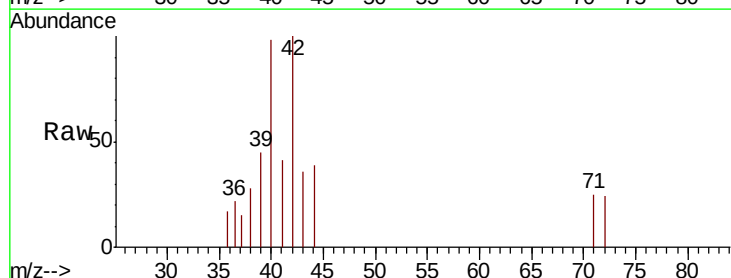
Tgt Ion: 42 Resp: 1255

Ion Ratio Lower Upper

42 100

72 0.0 30.5 45.7#

71 23.2 28.6 43.0#



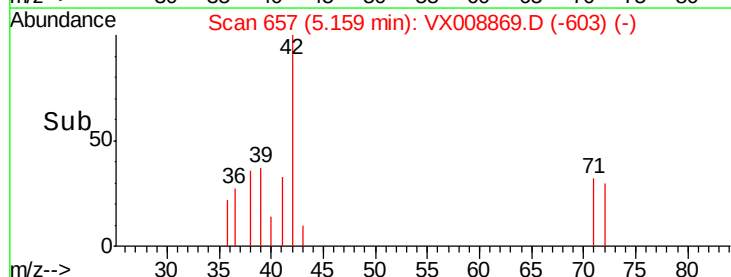
Abundance Ion 42.00 (41.70 to 42.70): VX0

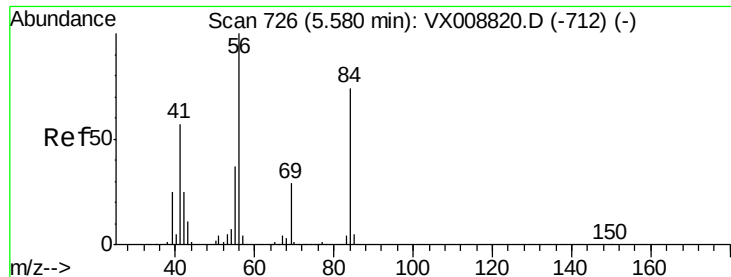
Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

5.16

Time--> 5.05 5.10 5.15 5.20 5.25

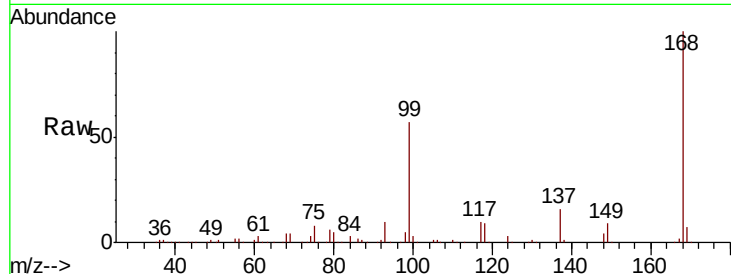




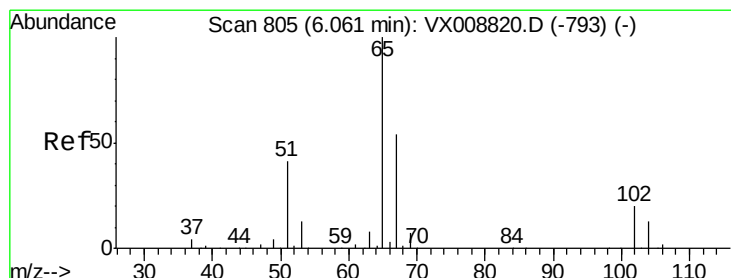
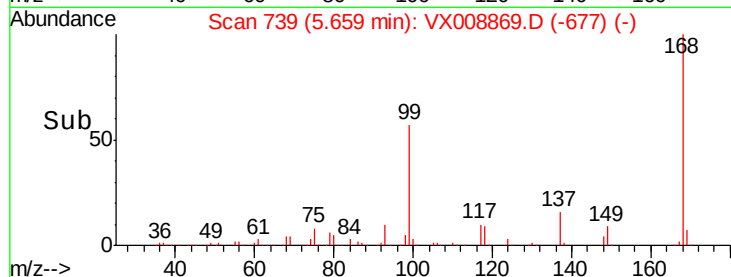
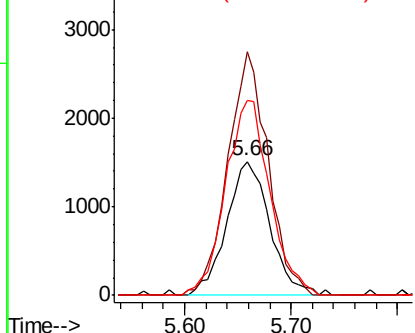
#31
Cyclohexane
Concen: 0.908 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX008869.D
Acq: 11 Apr 2019 21:56

Instrument :
MSVOA_X
ClientSampleId :
BCOG03

Tgt Ion: 56 Resp: 4310
Ion Ratio Lower Upper
56 100
69 182.2 22.6 33.8#
84 145.7 59.3 88.9#

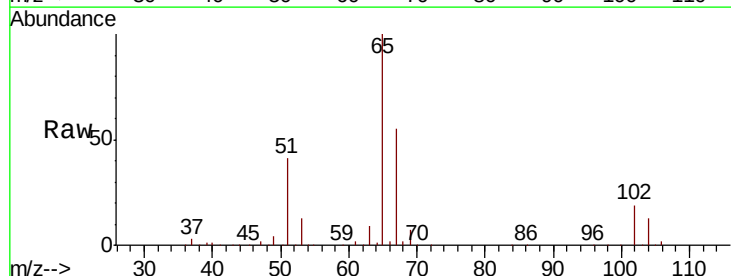


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

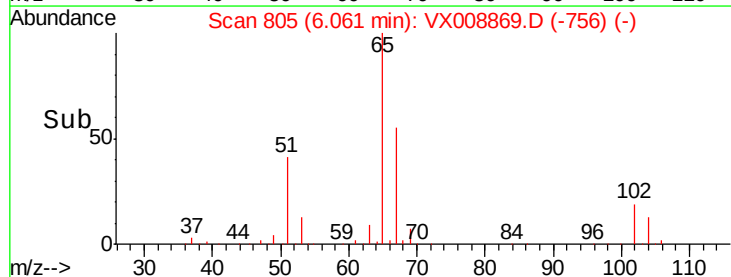
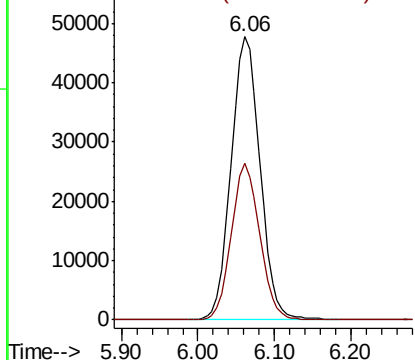


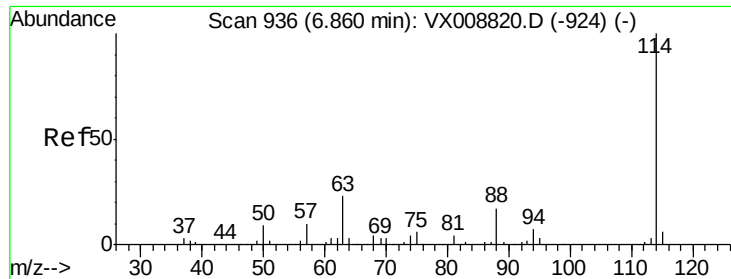
#33
1,2-Dichloroethane-d4
Concen: 45.548 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008869.D
Acq: 11 Apr 2019 21:56

Tgt Ion: 65 Resp: 125144
Ion Ratio Lower Upper
65 100
67 54.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

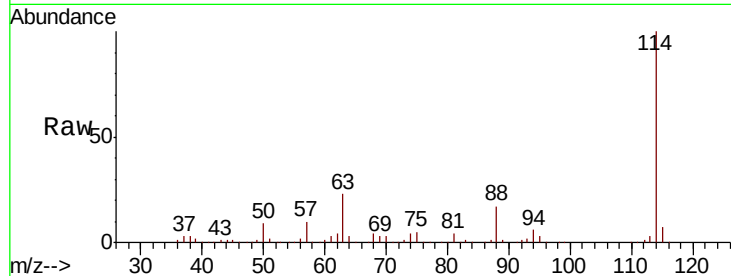




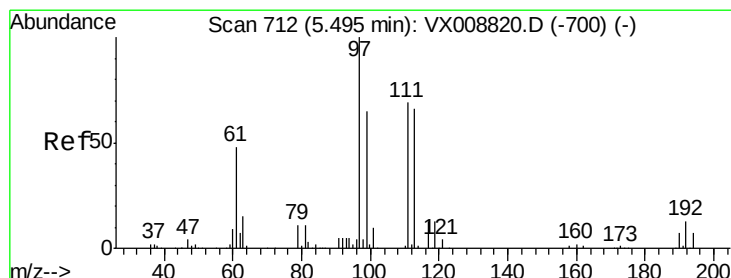
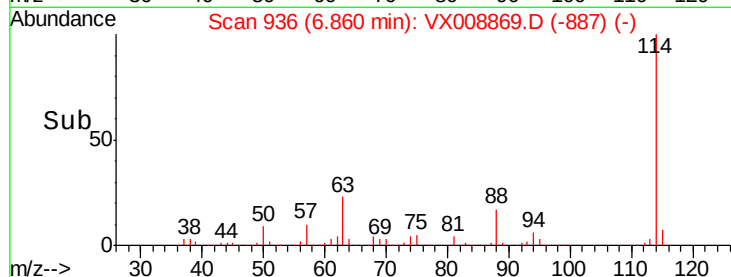
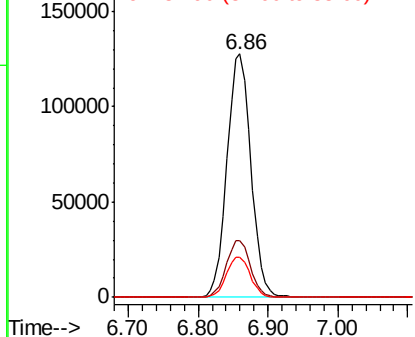
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008869.D
Acq: 11 Apr 2019 21:56

Instrument :
MSVOA_X
ClientSampleId :
BCOG03

Tgt Ion:114 Resp: 303480
Ion Ratio Lower Upper
114 100
63 23.2 0.0 47.2
88 16.7 0.0 34.0

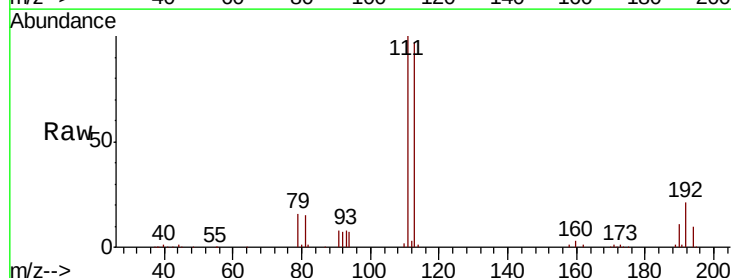


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

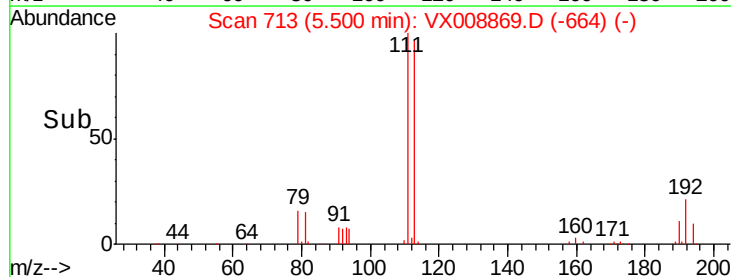
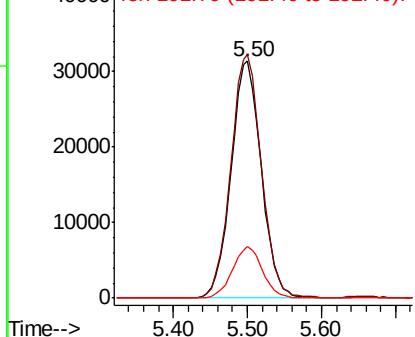


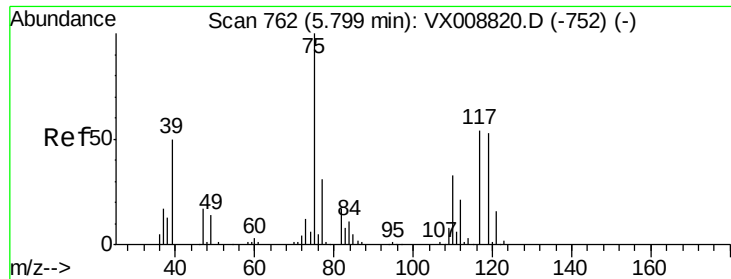
#35
Dibromofluoromethane
Concen: 46.096 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008869.D
Acq: 11 Apr 2019 21:56

Tgt Ion:113 Resp: 89441
Ion Ratio Lower Upper
113 100
111 103.7 83.4 125.2
192 21.6 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

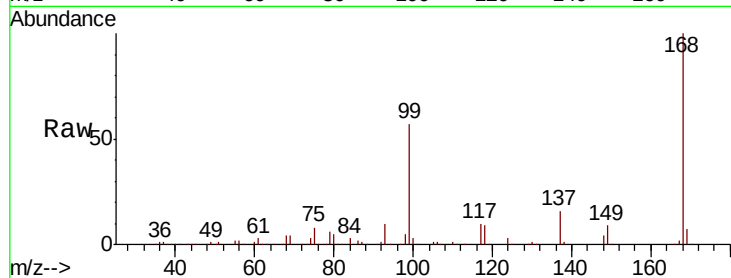




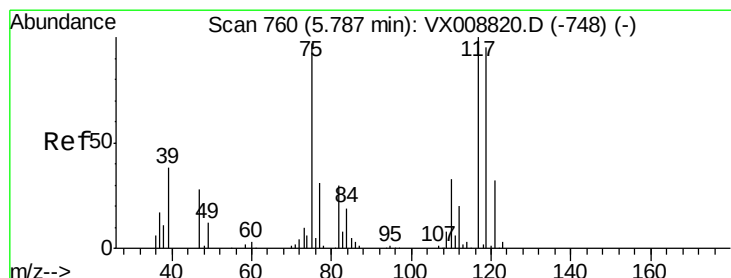
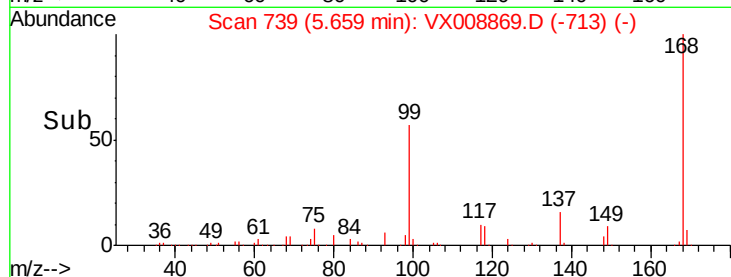
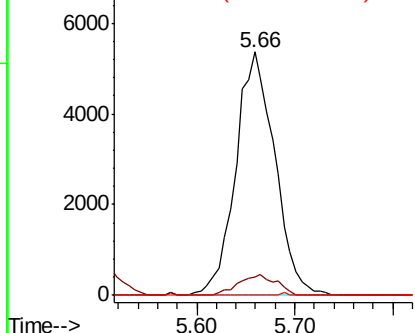
#36
 1,1-Dichloropropene
 Concen: 4.497 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX008869.D
 Acq: 11 Apr 2019 21:56

Instrument :
 MSVOA_X
 ClientSampleId :
 BCOG03

Tgt Ion: 75 Resp: 14919
 Ion Ratio Lower Upper
 75 100
 110 8.3 16.4 49.2#
 77 0.0 24.7 37.1#

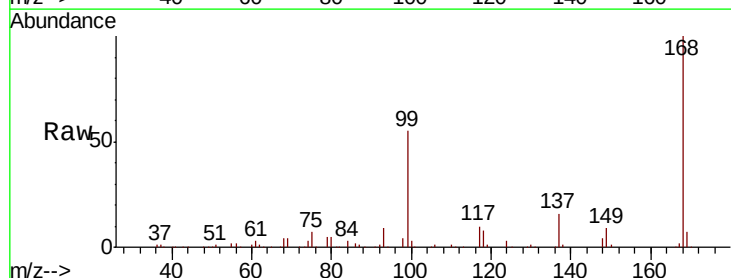


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

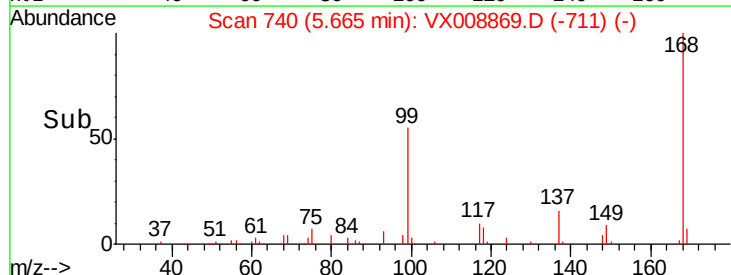
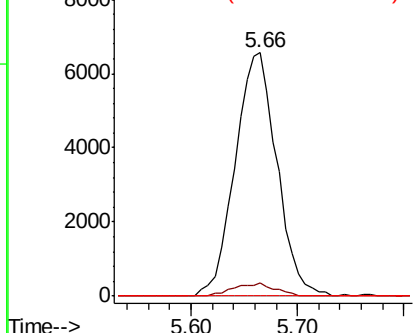


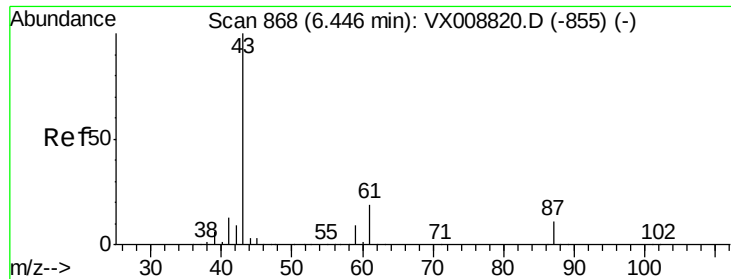
#38
 Carbon Tetrachloride
 Concen: 6.553 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX008869.D
 Acq: 11 Apr 2019 21:56

Tgt Ion: 117 Resp: 17992
 Ion Ratio Lower Upper
 117 100
 119 5.4 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: 1.401 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008869.D

Acq: 11 Apr 2019 21:56

Instrument :

MSVOA_X

ClientSampleId :

BCOG03

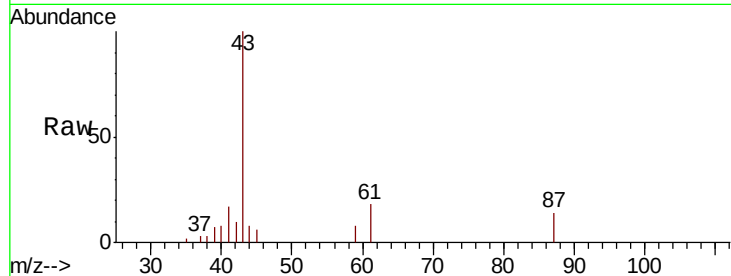
Tgt Ion: 43 Resp: 9720

Ion Ratio Lower Upper

43 100

61 20.5 15.3 22.9

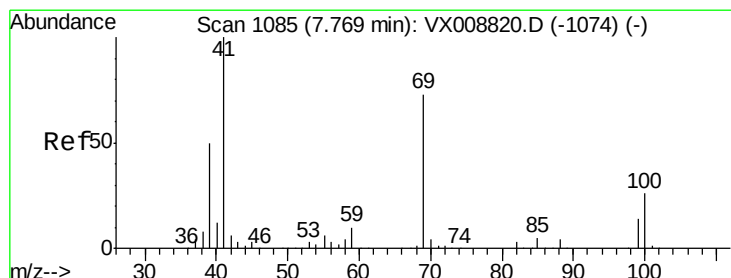
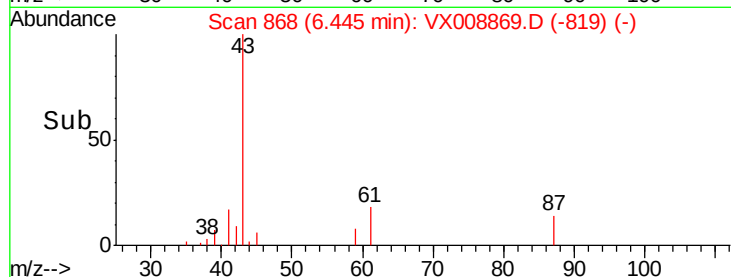
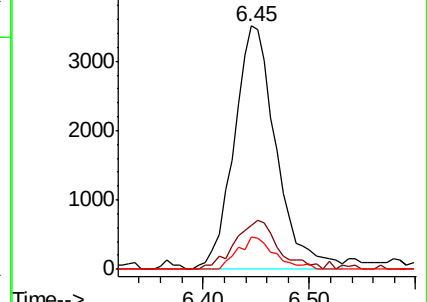
87 11.6 9.0 13.6



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: 1.724 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX008869.D

Acq: 11 Apr 2019 21:56

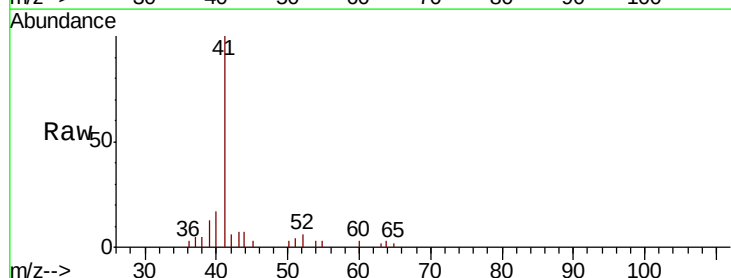
Tgt Ion: 41 Resp: 6048

Ion Ratio Lower Upper

41 100

69 0.0 59.0 88.4#

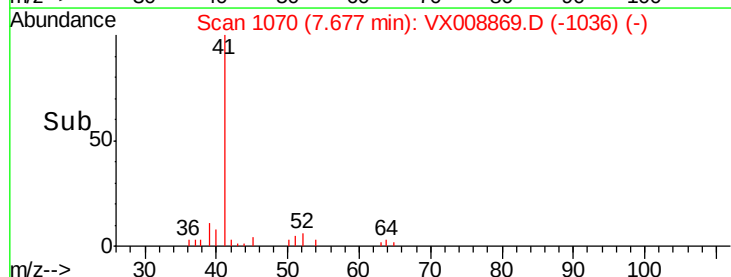
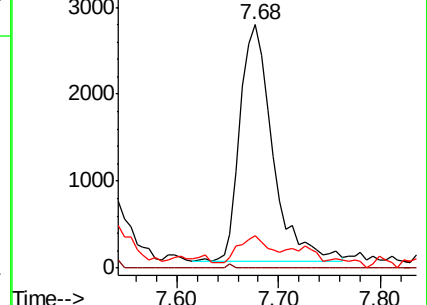
39 0.0 41.0 61.4#

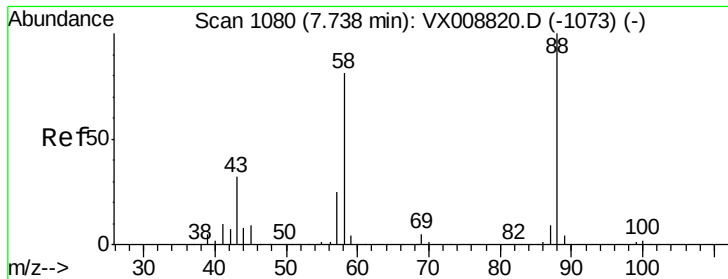


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1.080 ug/l

RT: 7.87 min Scan# 1101

Delta R.T. 0.13 min

Lab File: VX008869.D

Acq: 11 Apr 2019 21:56

Instrument :

MSVOA_X

ClientSampleId :

BCOG03

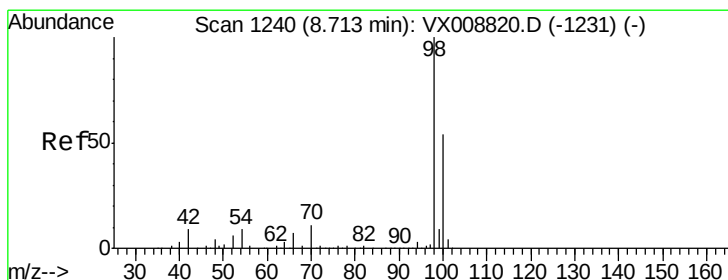
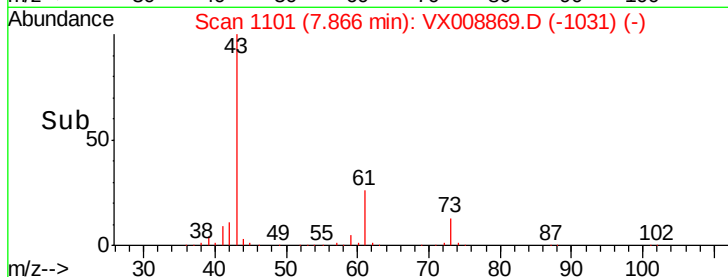
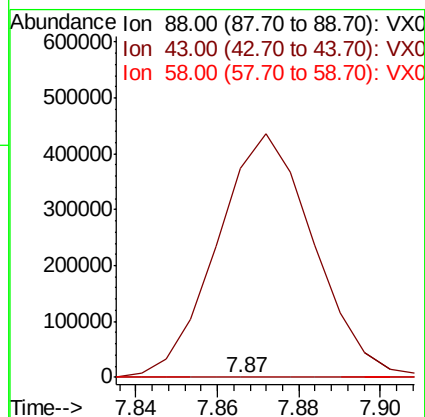
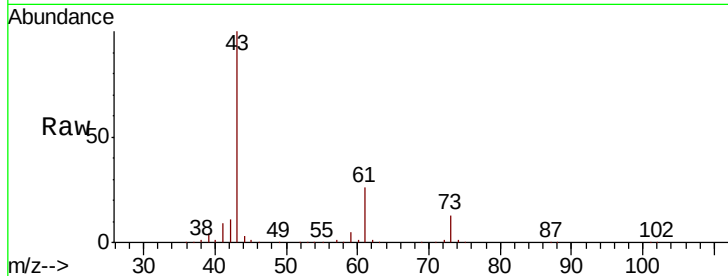
Tgt Ion: 88 Resp: 71

Ion Ratio Lower Upper

88 100

43 1024023.9 28.6 43.0#

58 3849.3 62.2 93.2#



#50

Toluene-d8

Concen: 49.637 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008869.D

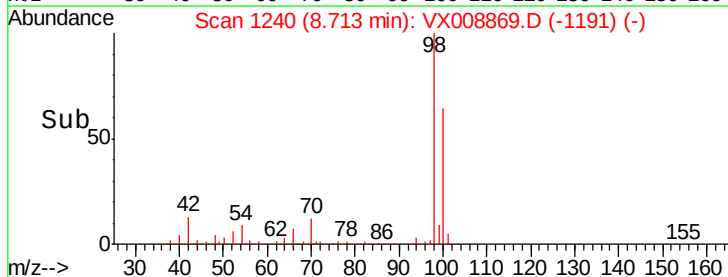
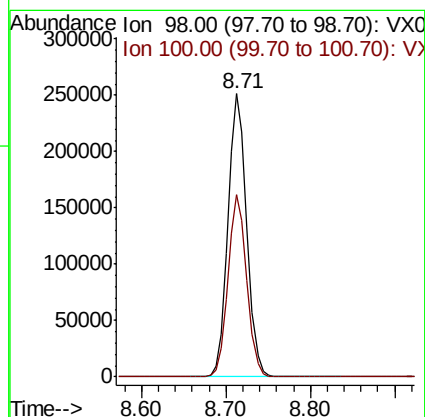
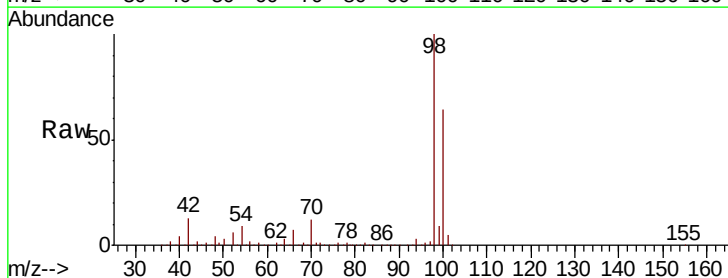
Acq: 11 Apr 2019 21:56

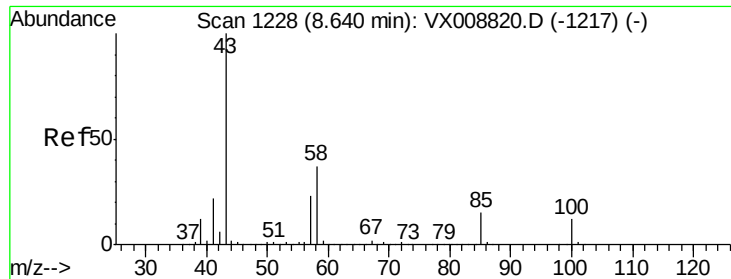
Tgt Ion: 98 Resp: 383487

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0

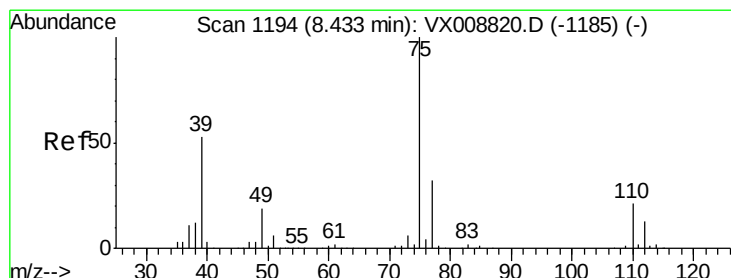
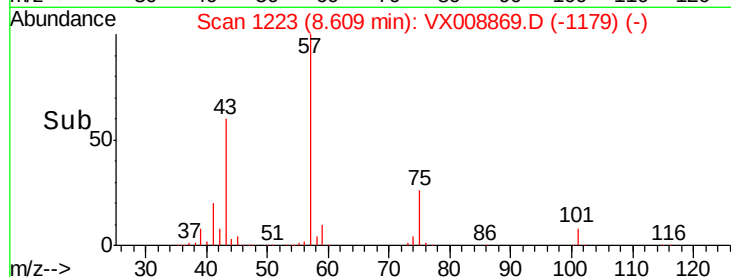
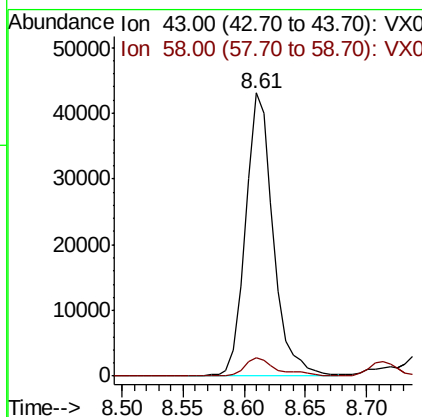
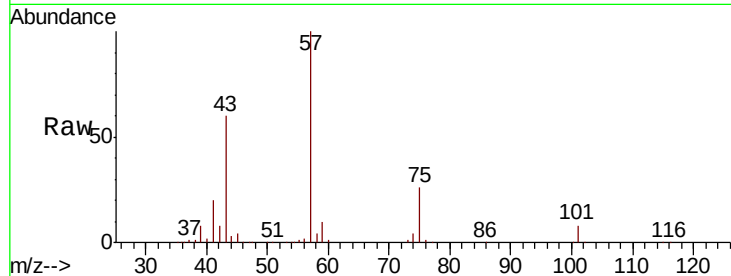




#51
 4-Methyl-2-Pentanone
 Concen: 15.065 ug/l
 RT: 8.61 min Scan# 1223
 Delta R.T. -0.03 min
 Lab File: VX008869.D
 Acq: 11 Apr 2019 21:56

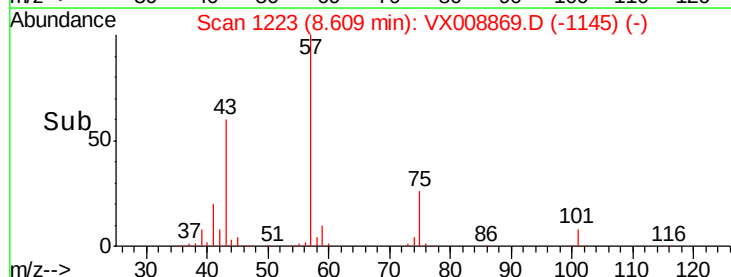
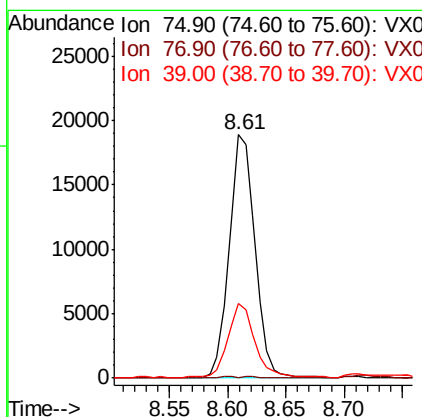
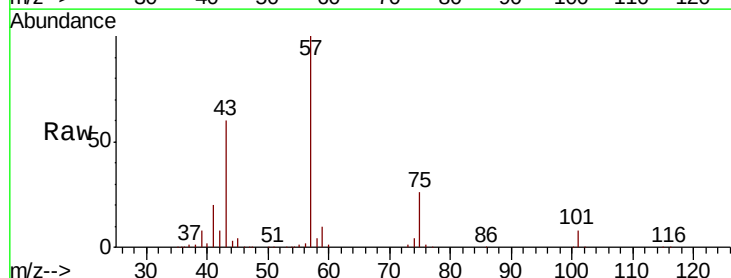
Instrument :
 MSVOA_X
 ClientSampleId :
 BCOG03

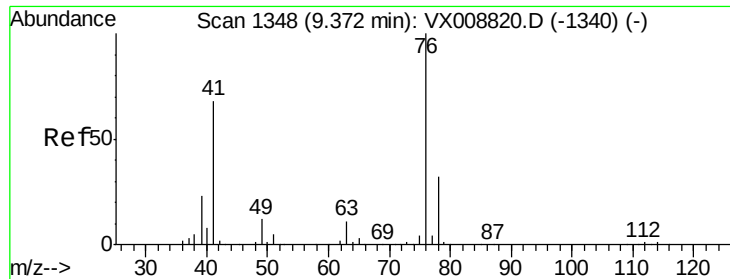
Tgt Ion: 43 Resp: 67267
 Ion Ratio Lower Upper
 43 100
 58 7.7 29.5 44.3#



#54
 cis-1,3-Dichloropropene
 Concen: 7.399 ug/l
 RT: 8.61 min Scan# 1223
 Delta R.T. 0.18 min
 Lab File: VX008869.D
 Acq: 11 Apr 2019 21:56

Tgt Ion: 75 Resp: 29212
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.3 37.9#
 39 30.8 42.6 63.8#

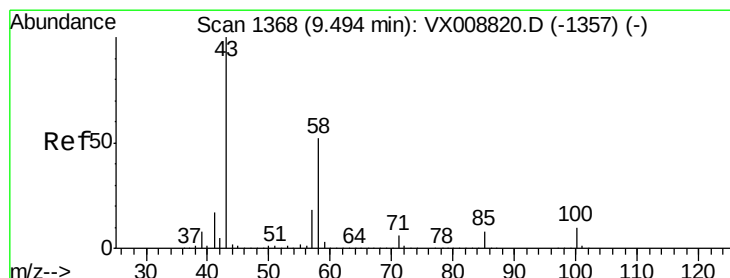
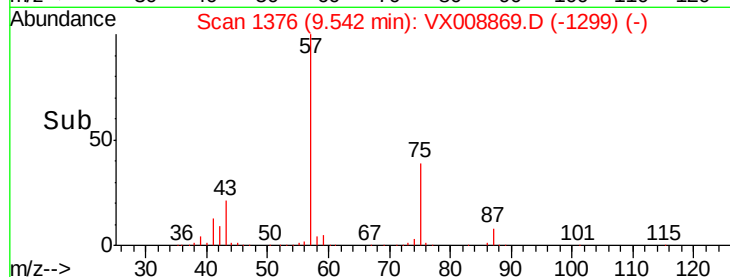
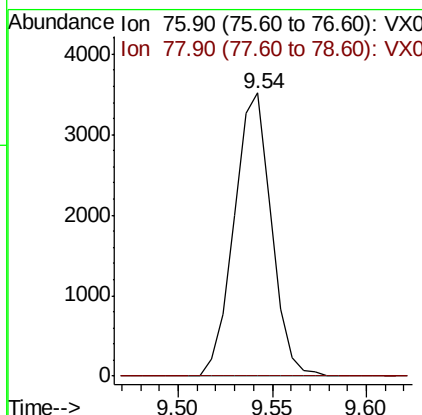
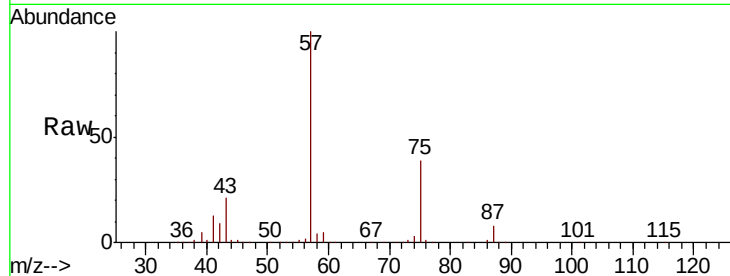




#57
 1,3-Dichloropropane
 Concen: 1.146 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.17 min
 Lab File: VX008869.D
 Acq: 11 Apr 2019 21:56

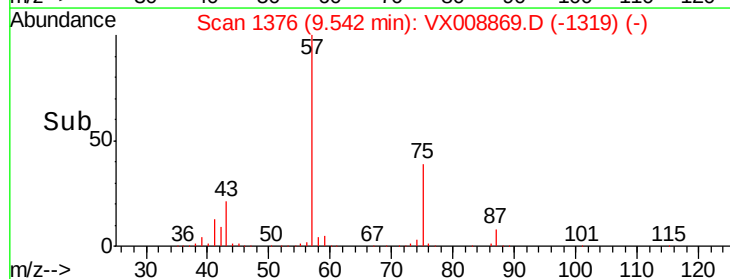
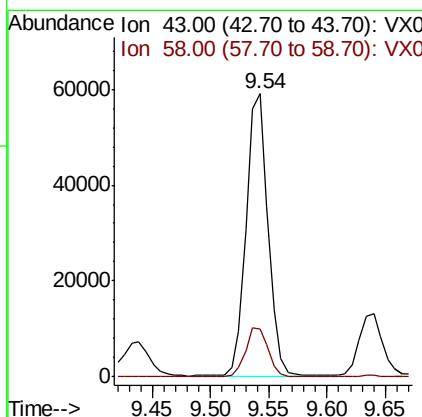
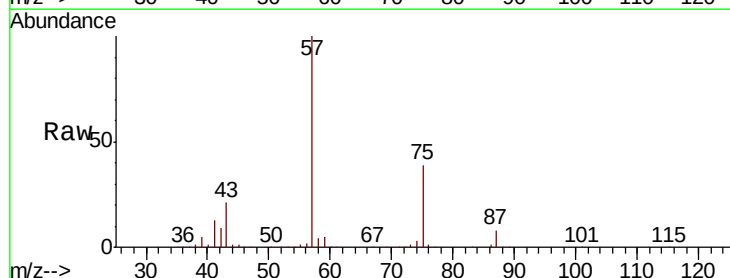
Instrument :
 MSVOA_X
 ClientSampleId :
 BCOG03

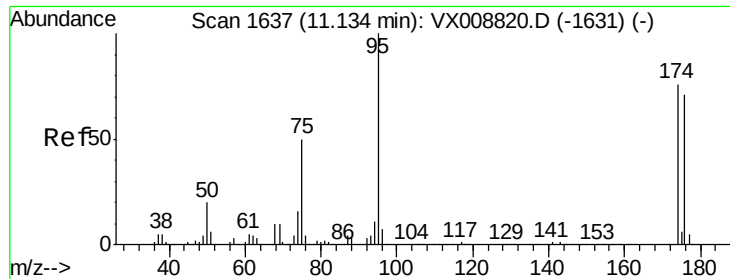
Tgt Ion: 76 Resp: 4812
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 22.445 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.05 min
 Lab File: VX008869.D
 Acq: 11 Apr 2019 21:56

Tgt Ion: 43 Resp: 77887
 Ion Ratio Lower Upper
 43 100
 58 18.2 25.9 77.7#





#62

4-Bromofluorobenzene

Concen: 47.950 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008869.D

Acq: 11 Apr 2019 21:56

Instrument :

MSVOA_X

ClientSampleId :

BCOG03

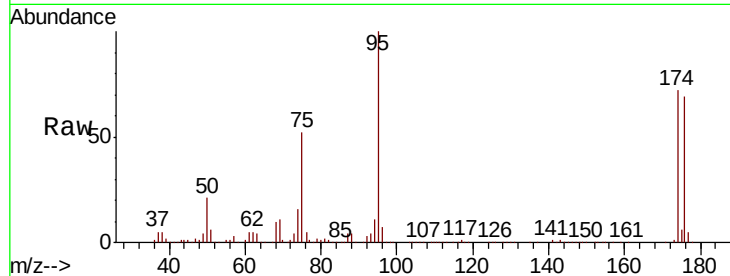
Tgt Ion: 95 Resp: 131369

Ion Ratio Lower Upper

95 100

174 78.7 0.0 151.8

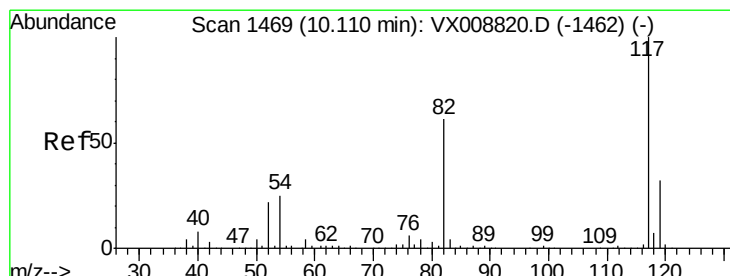
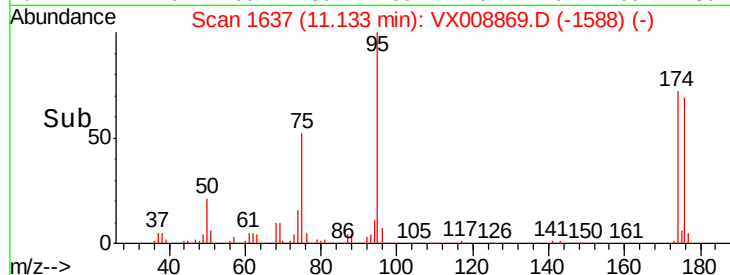
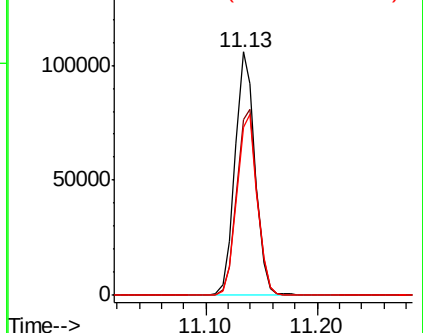
176 75.9 0.0 145.8



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: VX008869.D

Acq: 11 Apr 2019 21:56

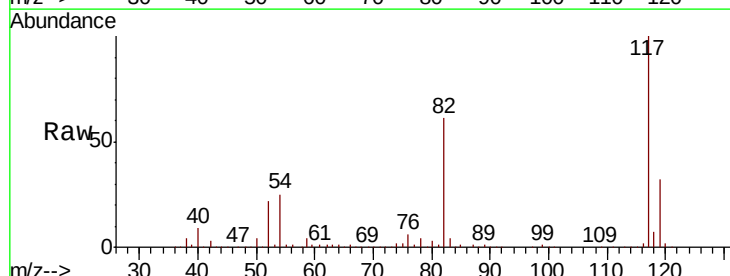
Tgt Ion: 117 Resp: 266201

Ion Ratio Lower Upper

117 100

82 61.4 49.6 74.4

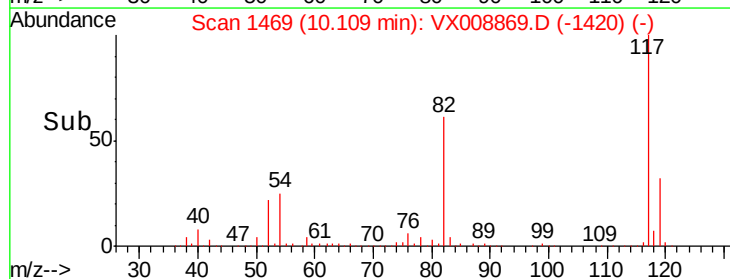
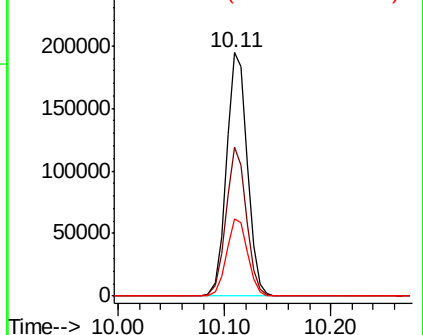
119 31.6 25.0 37.4

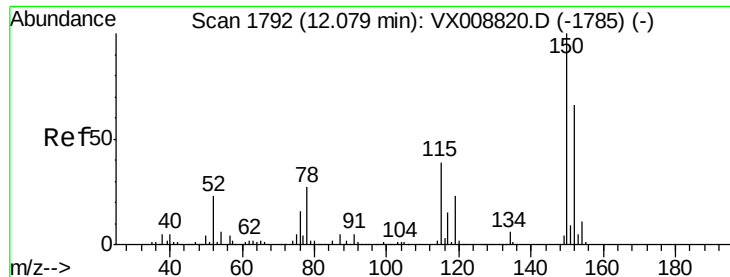


Abundance Ion 116.90 (116.60 to 117.60): VX008820.D (-1462) (-)

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

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



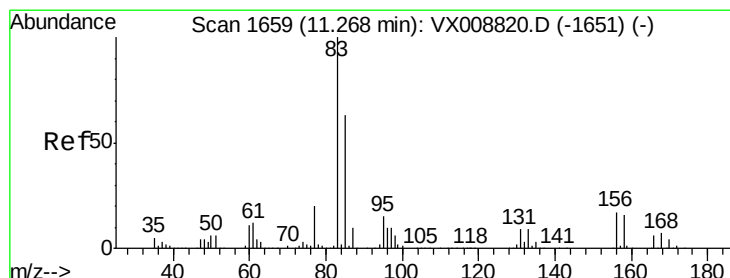
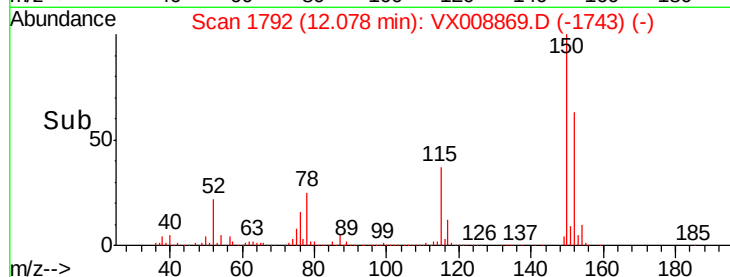
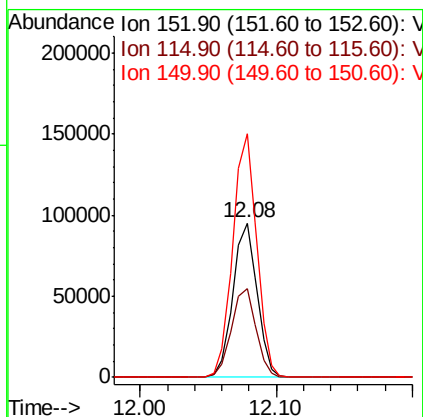
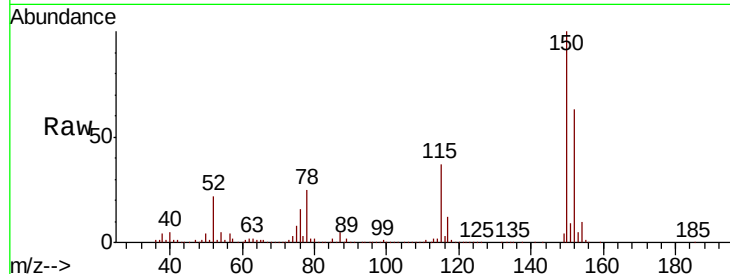


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008869.D
Acq: 11 Apr 2019 21:56

Instrument :
MSVOA_X
ClientSampleId :
BCOG03

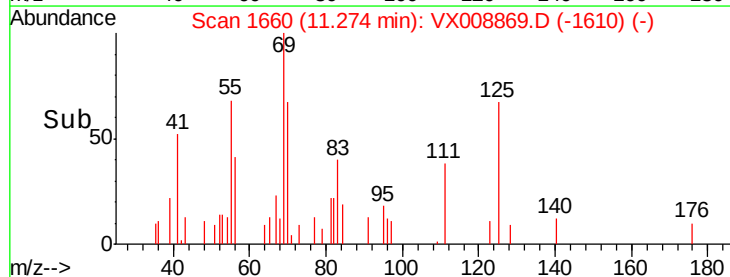
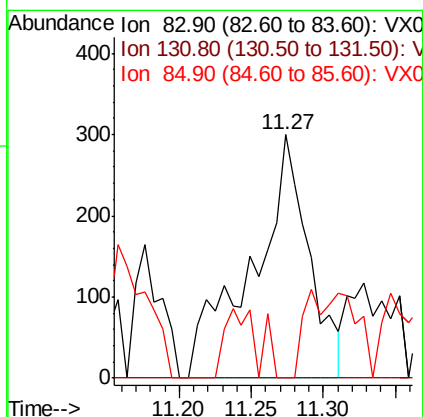
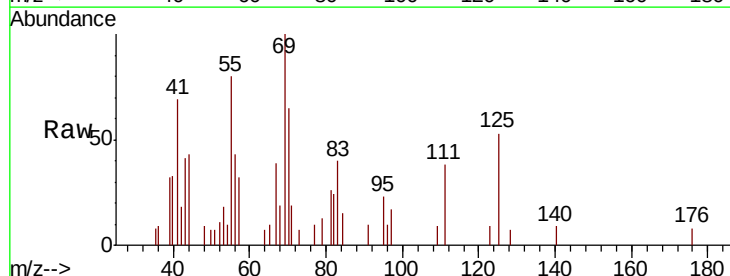
Tgt Ion: 152 Resp: 117309
Ion Ratio Lower Upper
152 100
115 58.6 43.5 130.5
150 157.1 0.0 348.8

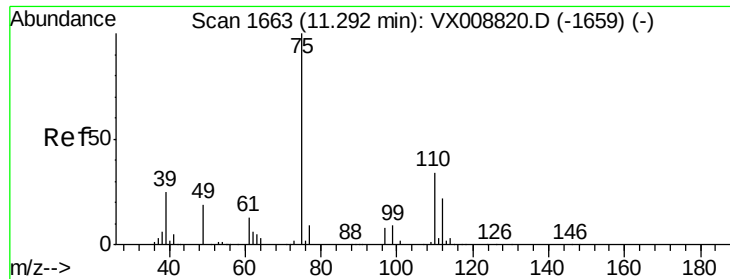


#75

1,1,2,2-Tetrachloroethane
Concen: 0.221 ug/l
RT: 11.27 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX008869.D
Acq: 11 Apr 2019 21:56

Tgt Ion: 83 Resp: 817
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.7#
85 11.8 32.0 96.2#

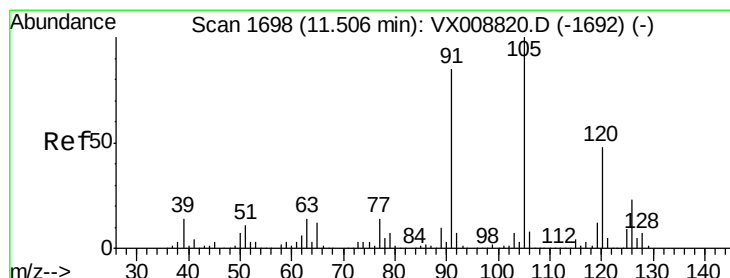
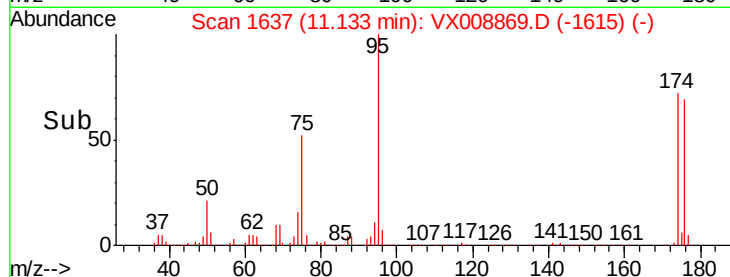
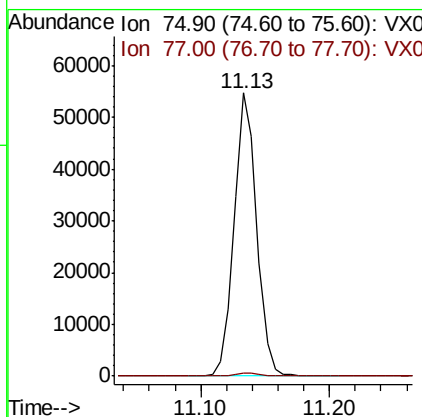
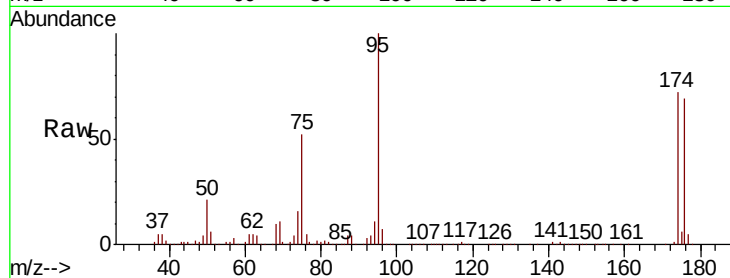




#76
 1,2,3-Trichloropropane
 Concen: 20.711 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.17 min
 Lab File: VX008869.D
 Acq: 11 Apr 2019 21:56

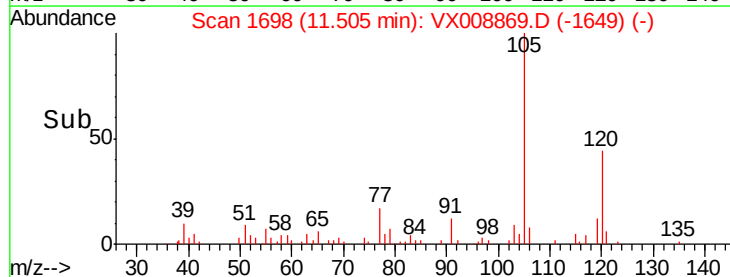
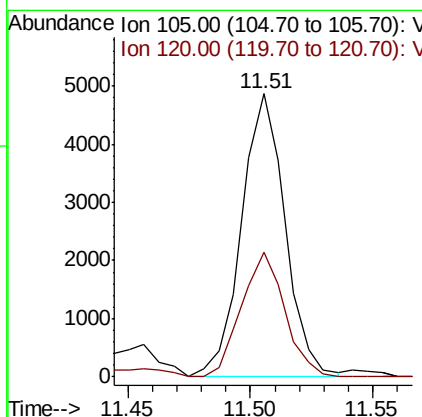
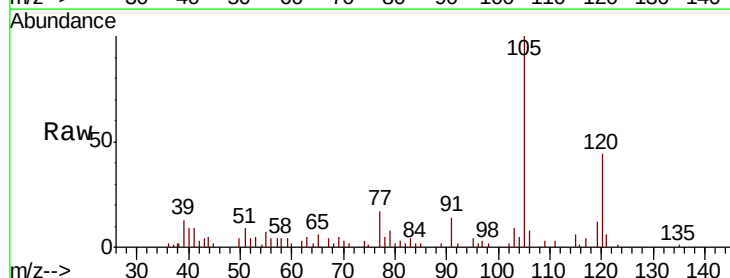
Instrument :
 MSVOA_X
 ClientSampleId :
 BCOG03

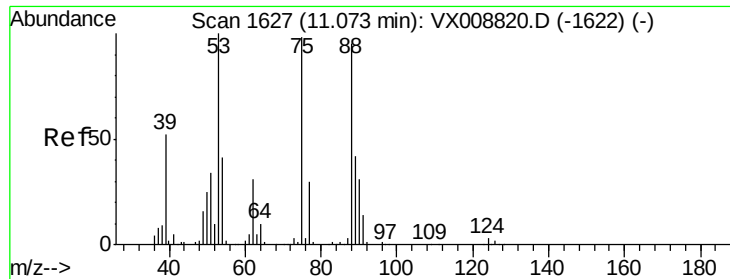
Tgt Ion: 75 Resp: 66742
 Ion Ratio Lower Upper
 75 100
 77 1.6 22.3 66.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.738 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008869.D
 Acq: 11 Apr 2019 21:56

Tgt Ion: 105 Resp: 6023
 Ion Ratio Lower Upper
 105 100
 120 43.6 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 57.090 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008869.D

Acq: 11 Apr 2019 21:56

Instrument :

MSVOA_X

ClientSampleId :

BCOG03

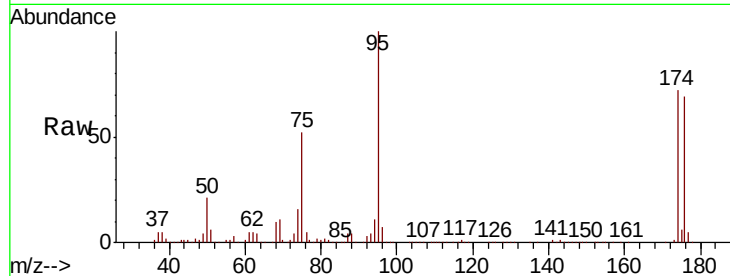
Tgt Ion: 75 Resp: 66742

Ion Ratio Lower Upper

75 100

53 0.1 81.3 121.9#

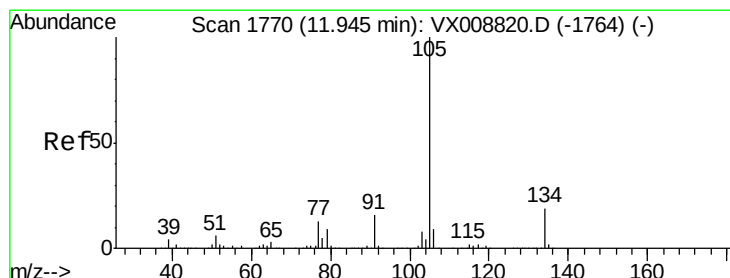
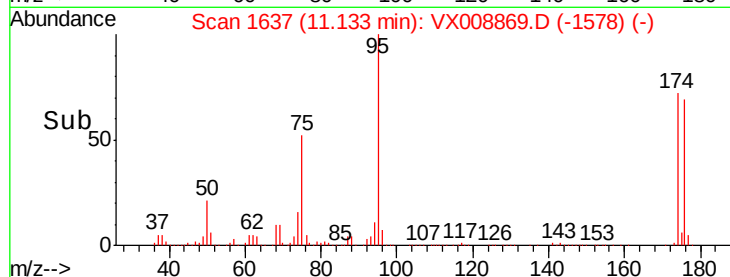
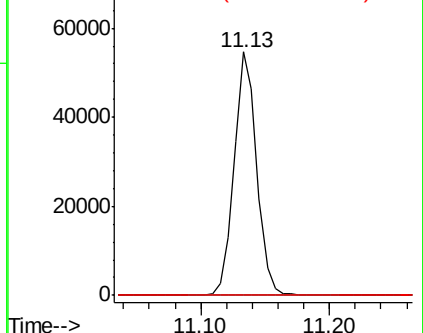
89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#85

sec-Butylbenzene

Concen: 0.212 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008869.D

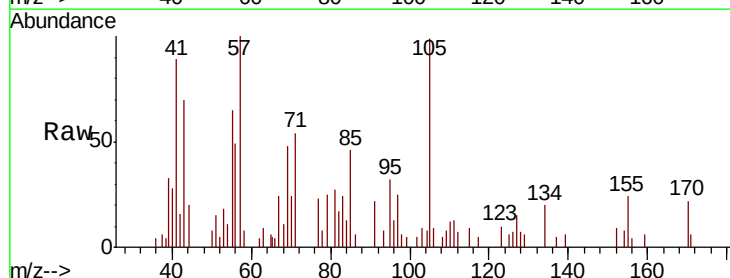
Acq: 11 Apr 2019 21:56

Tgt Ion: 105 Resp: 1979

Ion Ratio Lower Upper

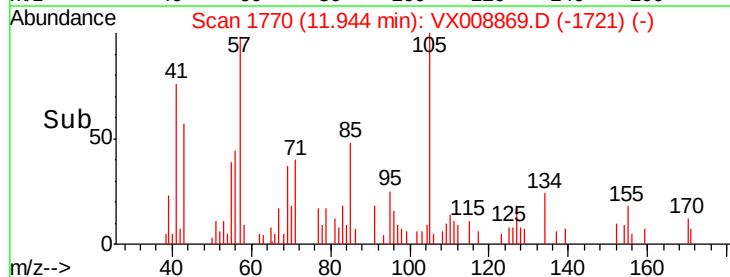
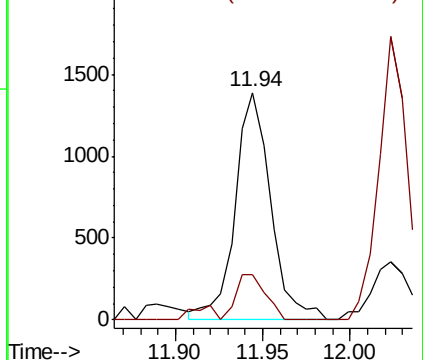
105 100

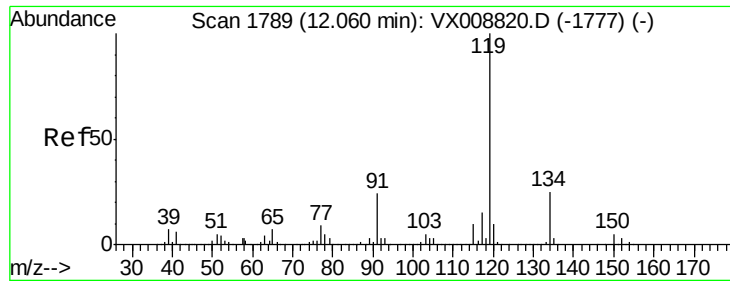
134 16.7 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

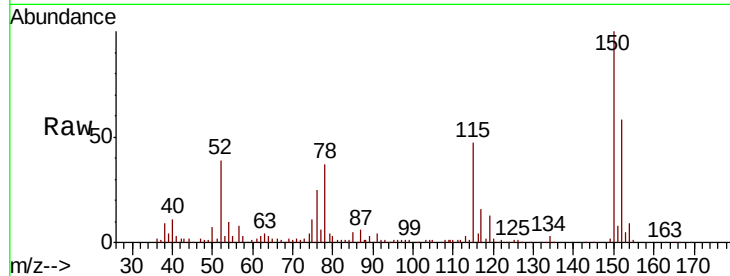




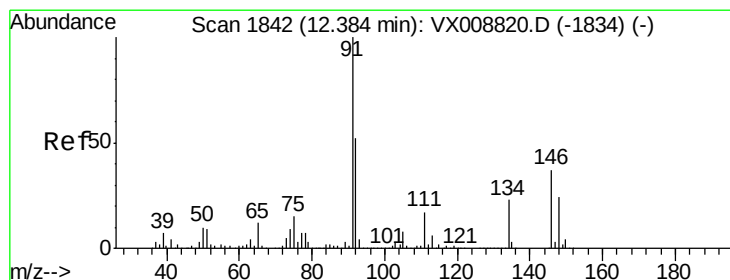
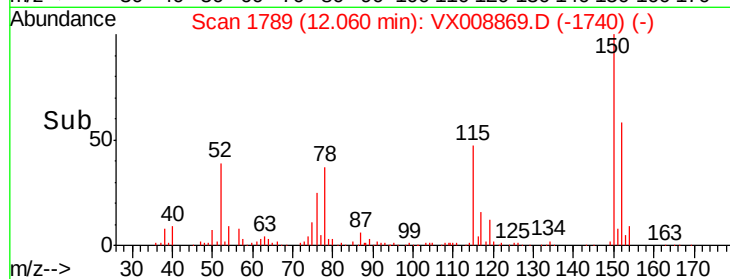
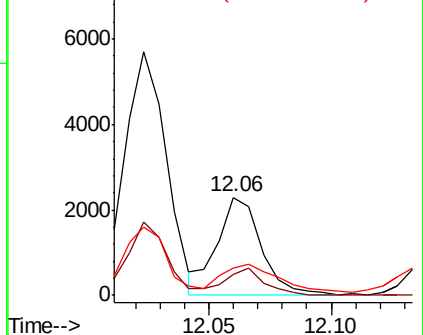
#86
p-Isopropyltoluene
Concen: 0.345 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008869.D
Acq: 11 Apr 2019 21:56

Instrument :
MSVOA_X
ClientSampleId :
BCOG03

Tgt Ion: 119 Resp: 2886
Ion Ratio Lower Upper
119 100
134 24.3 12.8 38.4
91 35.6 12.2 36.6

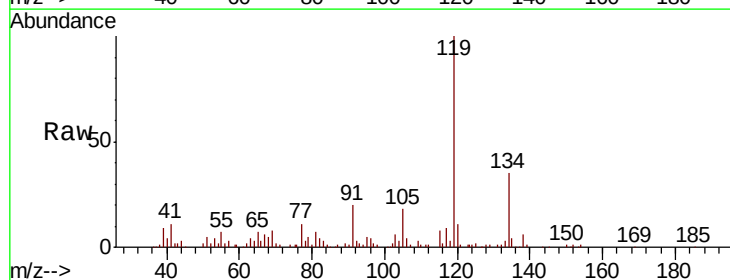


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

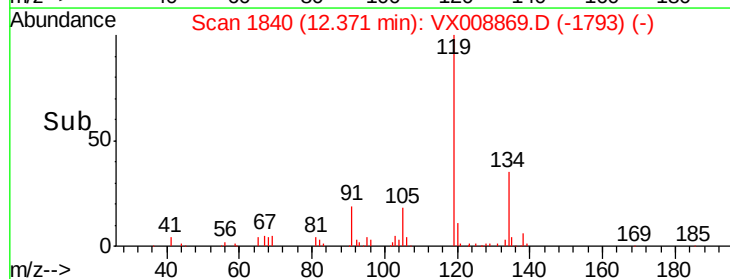
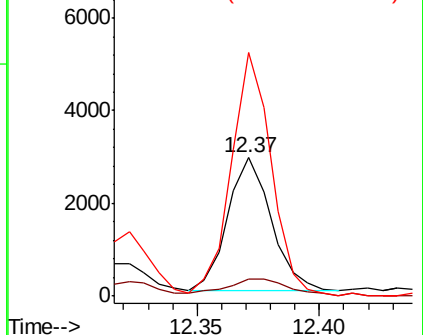


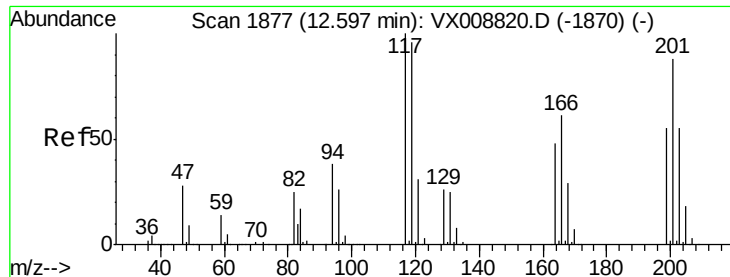
#89
n-Butylbenzene
Concen: 0.458 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX008869.D
Acq: 11 Apr 2019 21:56

Tgt Ion: 91 Resp: 3598
Ion Ratio Lower Upper
91 100
92 18.5 26.4 79.2#
134 167.5 12.0 36.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.521 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX008869.D

Acq: 11 Apr 2019 21:56

Instrument :

MSVOA_X

ClientSampled :

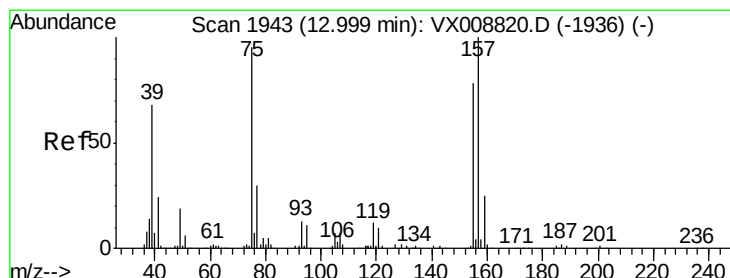
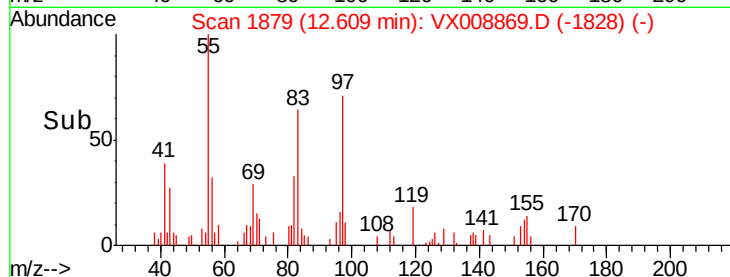
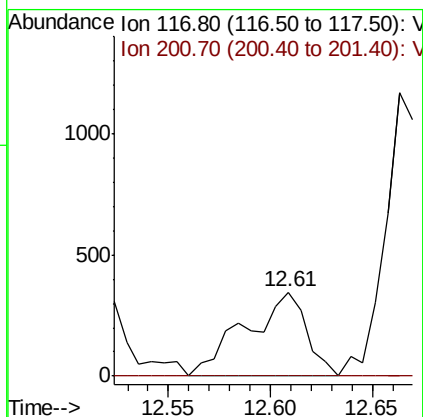
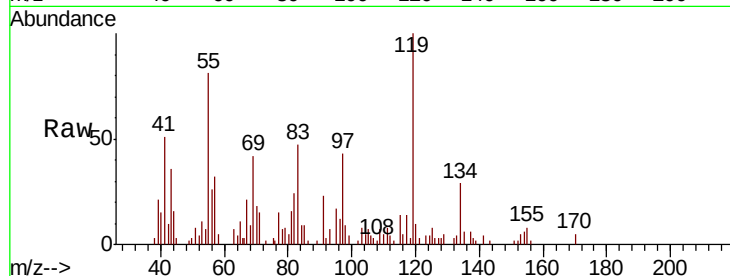
BCOG03

Tgt Ion:117 Resp: 723

Ion Ratio Lower Upper

117 100

201 0.0 40.6 122.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.262 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX008869.D

Acq: 11 Apr 2019 21:56

Tgt Ion: 75 Resp: 213

Ion Ratio Lower Upper

75 100

155 0.0 39.9 119.6#

157 0.0 51.5 154.7#

