

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053797.D
 Acq On : 15 Feb 2019 13:57
 Operator : JC/SP
 Sample : K1484-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 M-3-D

Quant Time: Feb 15 23:56:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

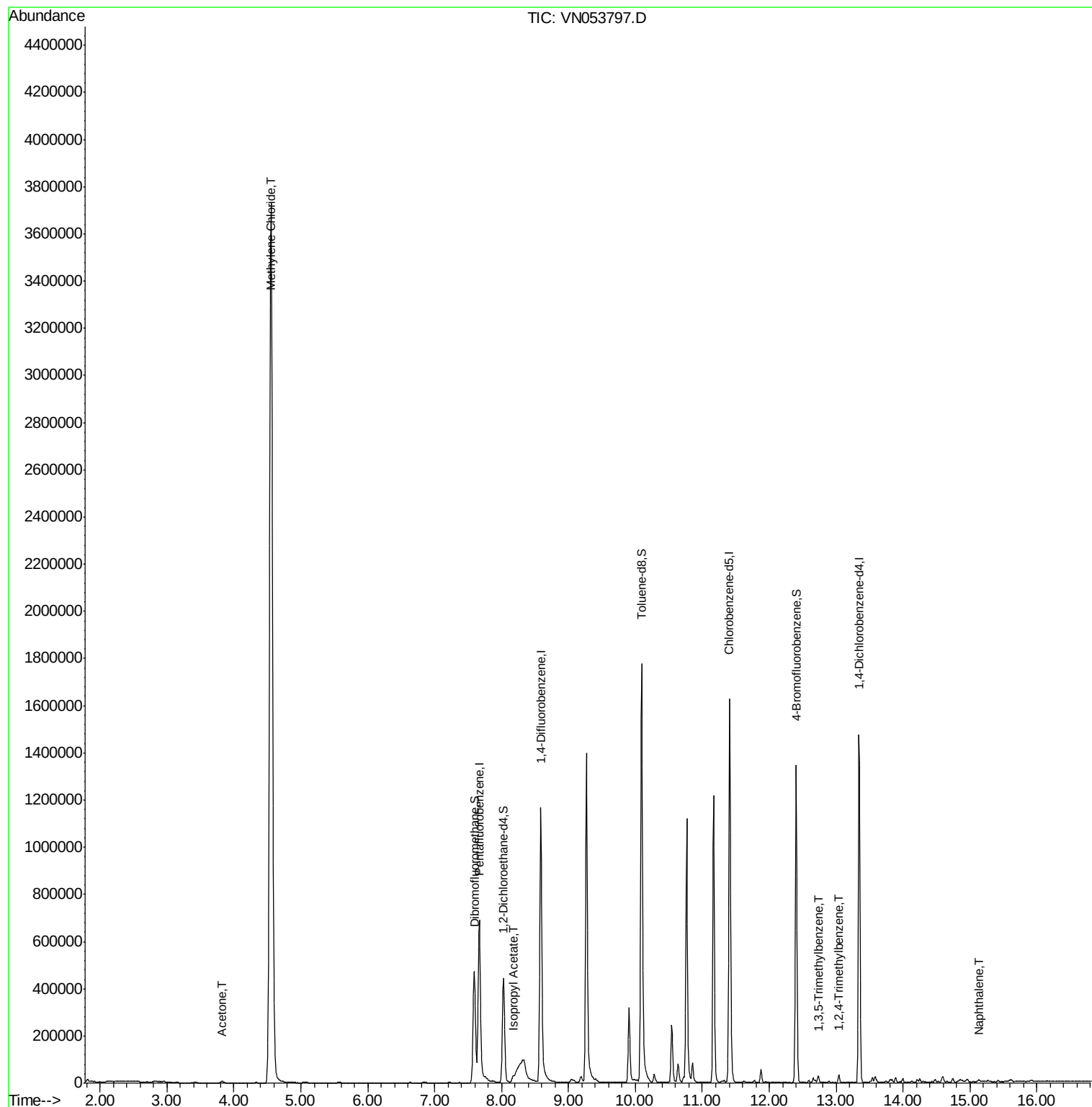
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	664107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1219727	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1091112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	437829	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	378930	56.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.76%	
35) Dibromofluoromethane	7.59	113	370426	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	10.09	98	1449459	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.40	95	469455	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
Target Compounds						
16) Acetone	3.82	43	13364	7.820	ug/l	97
20) Methylene Chloride	4.55	84	2993171	417.487	ug/l	99
43) Isopropyl Acetate	8.17	43	32243	2.719	ug/l #	80
80) 1,3,5-Trimethylbenzene	12.73	105	15117	0.592	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	19447	0.748	ug/l	100
95) Naphthalene	15.13	128	8256	2.151	ug/l #	88

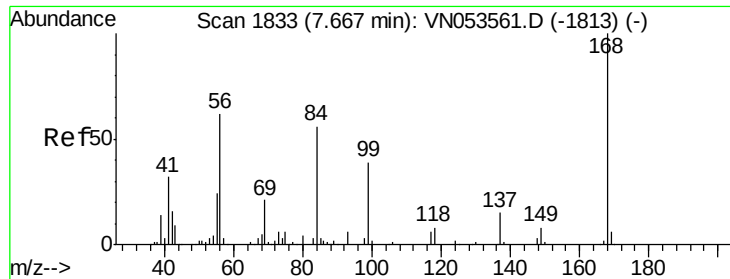
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021519\
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QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053797.D

Acq: 15 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

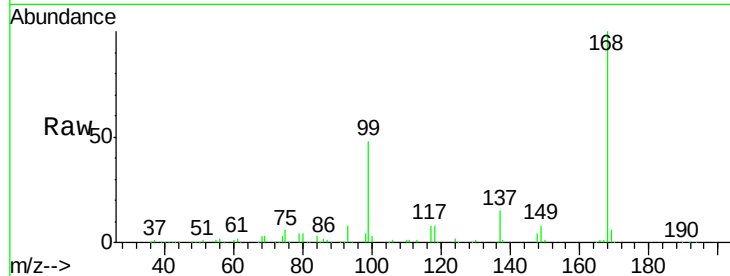
M-3-D

Tot Ion:168 Resp: 664107

Ion Ratio Lower Upper

168 100

99 48.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053797.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053797.D (-1740) (-)

7.67

250000

200000

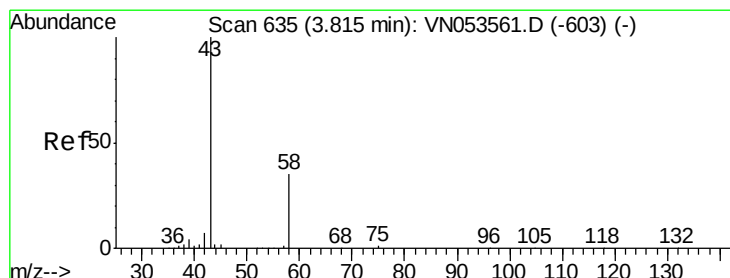
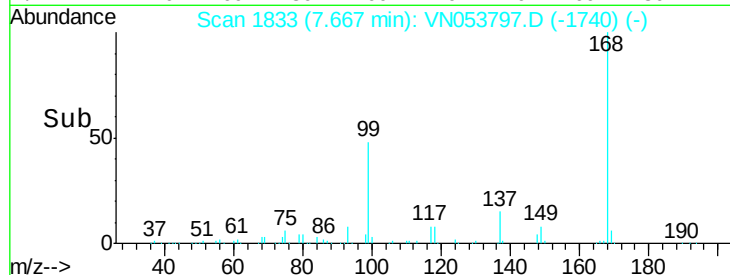
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.820 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053797.D

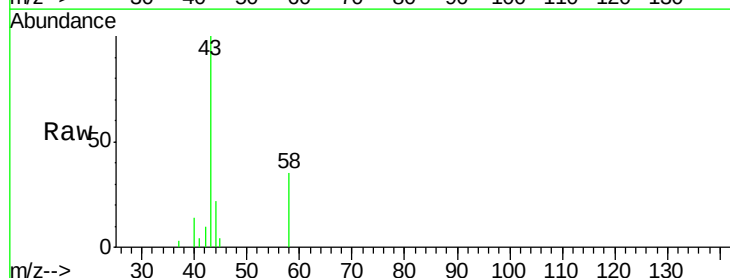
Acq: 15 Feb 2019 13:57

Tgt Ion: 43 Resp: 13364

Ion Ratio Lower Upper

43 100

58 35.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053797.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053797.D (-542) (-)

3.82

5000

4000

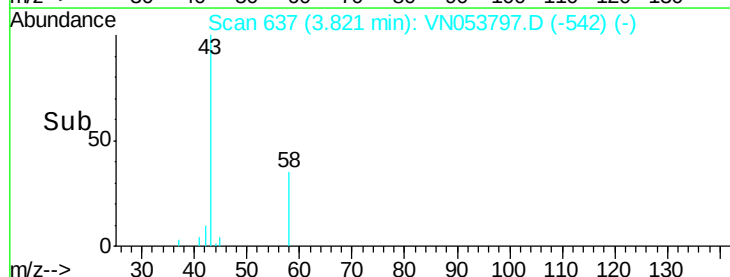
3000

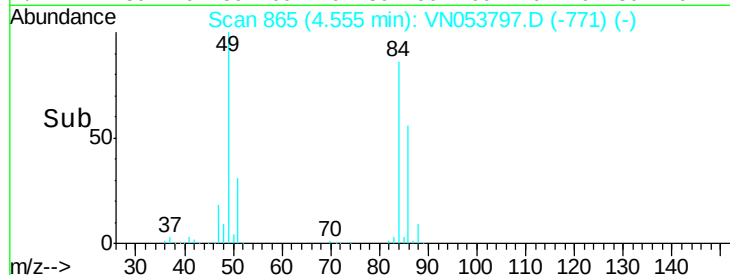
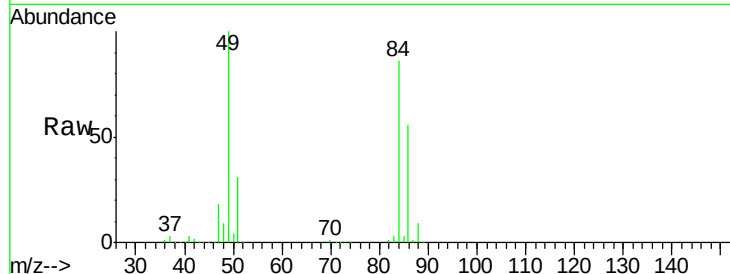
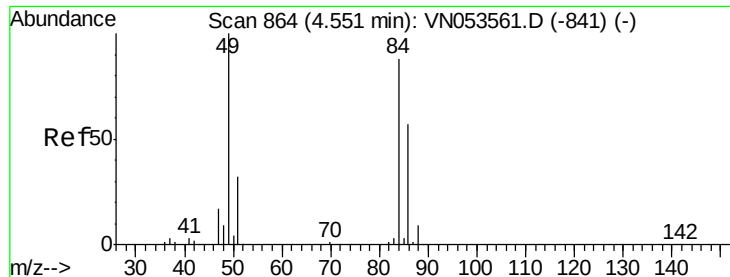
2000

1000

0

Time-->



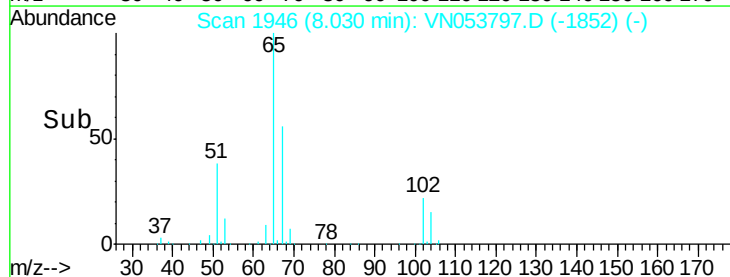
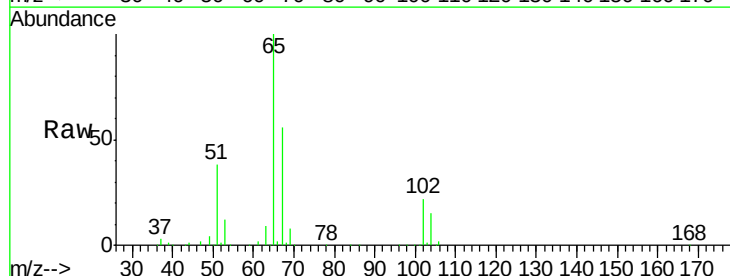
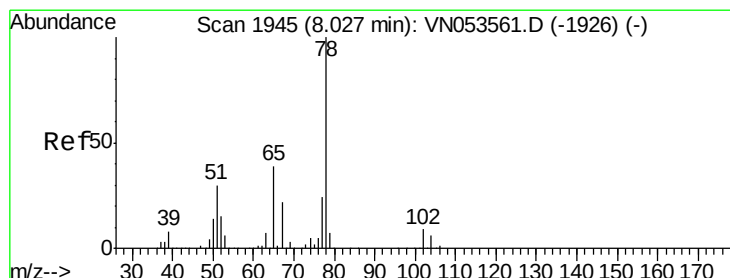
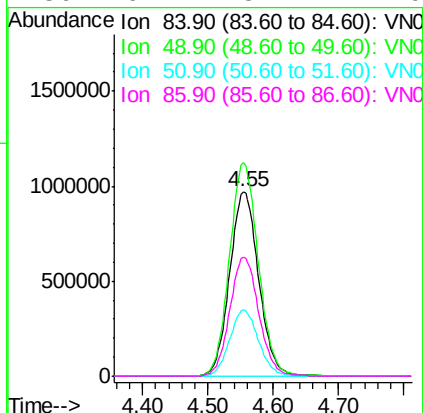


#20
Methylene Chloride
Concen: 417.487 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053797.D
Acq: 15 Feb 2019 13:57

Instrument :
MSVOA_N
ClientSampleId :
M-3-D

Tot Ion: 84 Resp: 2993171

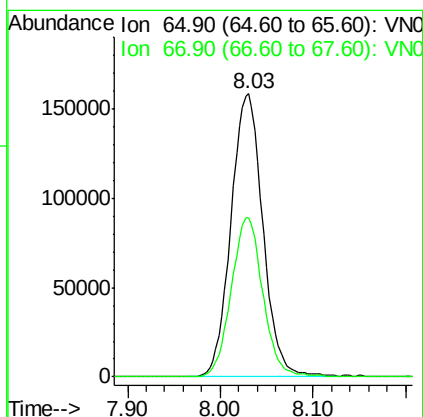
Ion	Ratio	Lower	Upper
84	100		
49	115.8	94.3	141.5
51	36.1	29.4	44.2
86	64.7	51.4	77.0

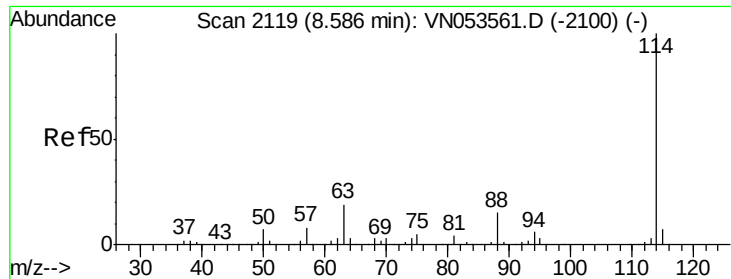


#33
1,2-Dichloroethane-d4
Concen: 56.877 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN053797.D
Acq: 15 Feb 2019 13:57

Tgt Ion: 65 Resp: 378930

Ion	Ratio	Lower	Upper
65	100		
67	55.7	0.0	111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053797.D

Acq: 15 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

M-3-D

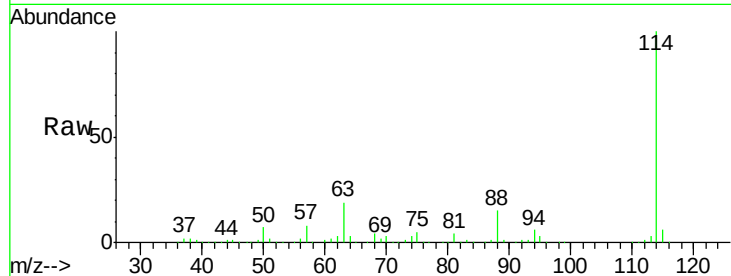
Tot Ion:114 Resp: 1219727

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.6

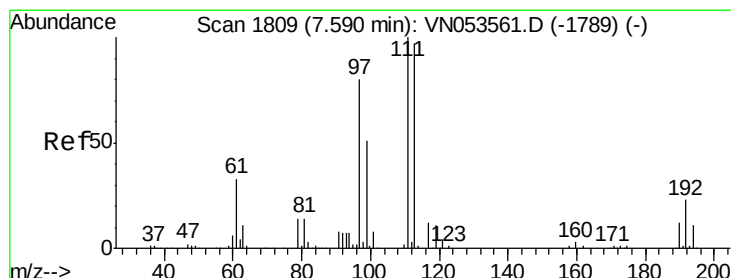
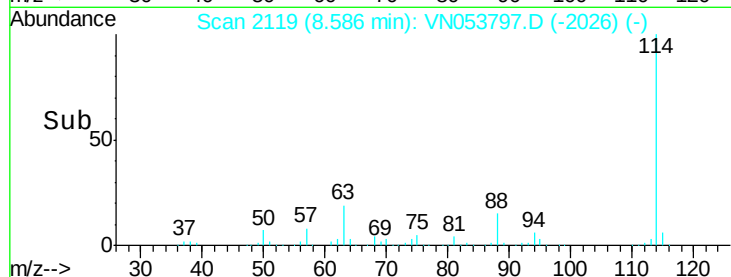
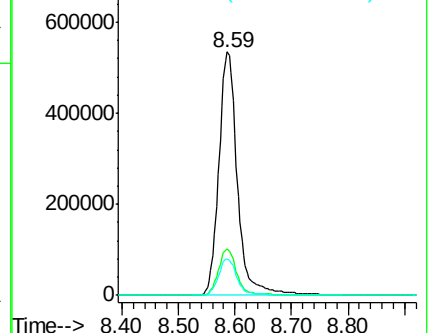
88 14.9 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.063 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053797.D

Acq: 15 Feb 2019 13:57

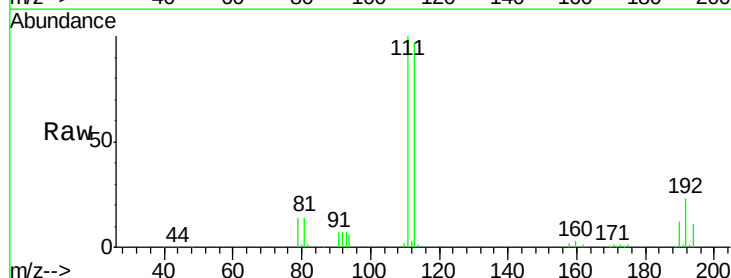
Tgt Ion:113 Resp: 370426

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

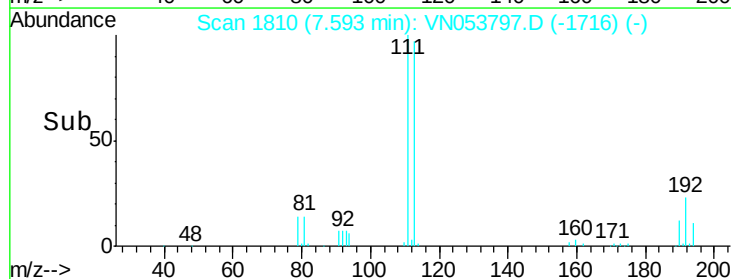
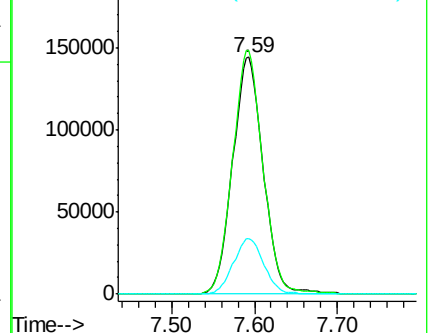
192 23.4 18.2 27.2

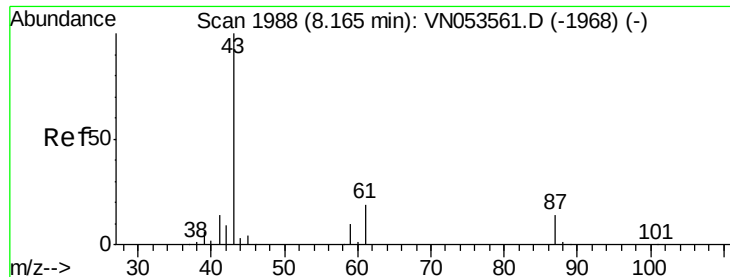


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.719 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053797.D

Acq: 15 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

M-3-D

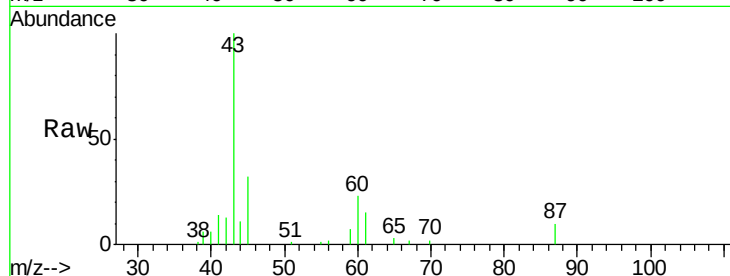
Tot Ion: 43 Resp: 32243

Ion Ratio Lower Upper

43 100

61 16.9 23.9 35.9#

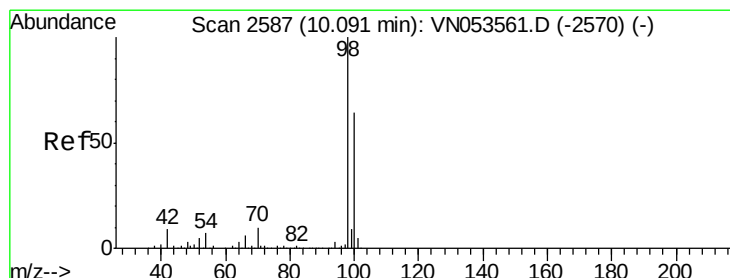
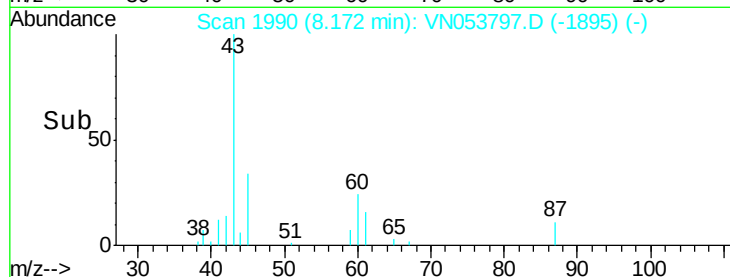
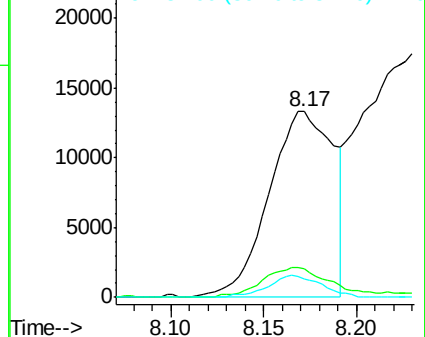
87 9.8 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 50.087 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053797.D

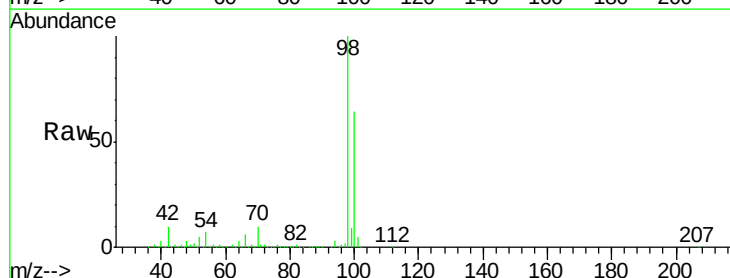
Acq: 15 Feb 2019 13:57

Tgt Ion: 98 Resp: 1449459

Ion Ratio Lower Upper

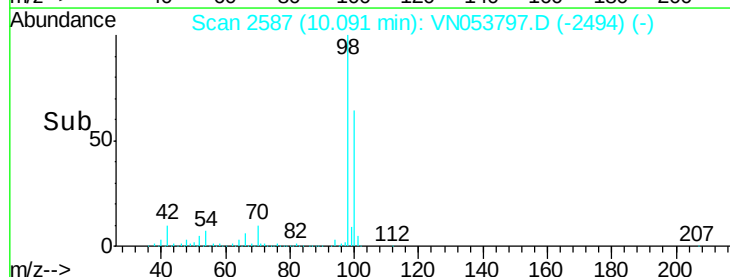
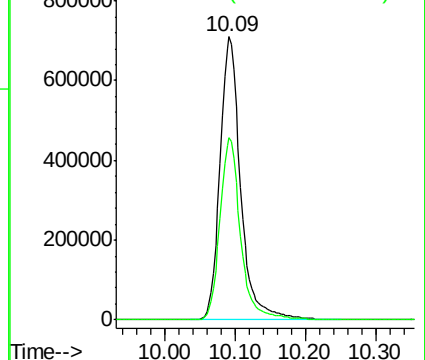
98 100

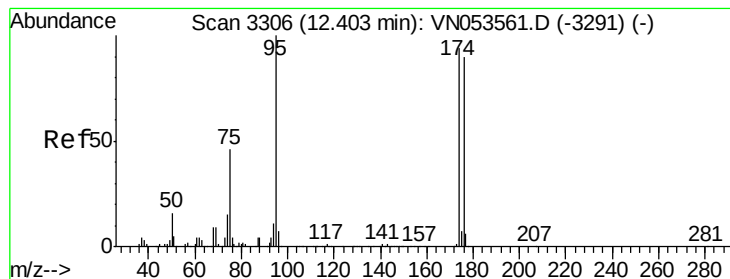
100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 48.641 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053797.D

Acq: 15 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampleId :

M-3-D

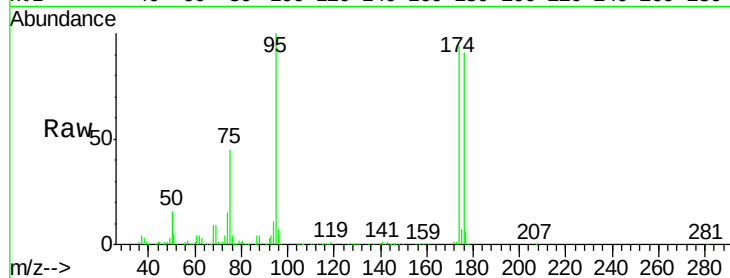
Tot Ion: 95 Resp: 469455

Ion Ratio Lower Upper

95 100

174 93.8 0.0 183.2

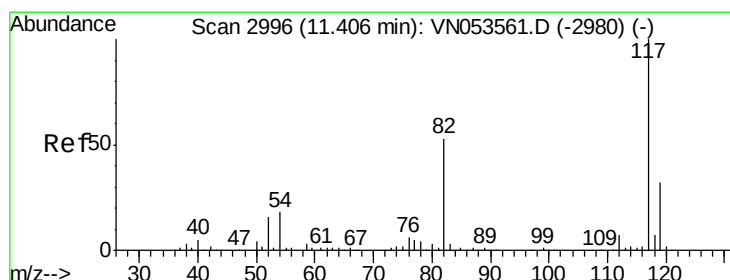
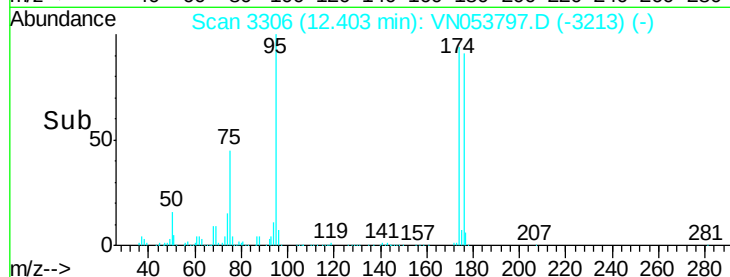
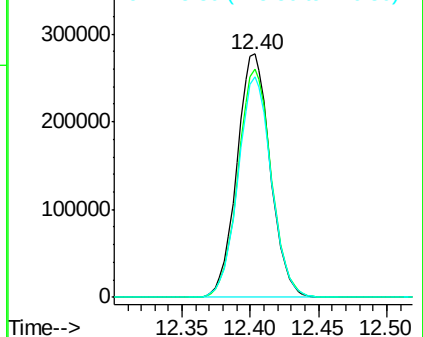
176 90.7 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053797.D

Acq: 15 Feb 2019 13:57

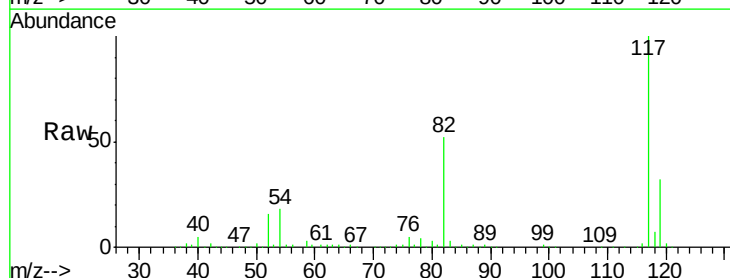
Tgt Ion: 117 Resp: 1091112

Ion Ratio Lower Upper

117 100

82 51.8 42.9 64.3

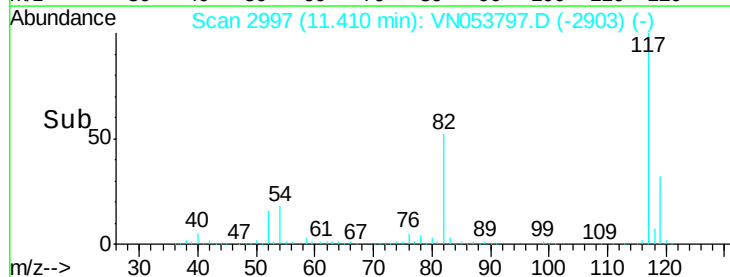
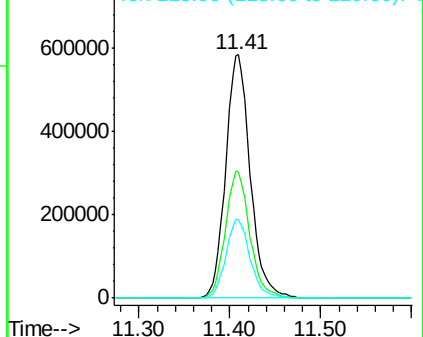
119 32.3 26.0 39.0

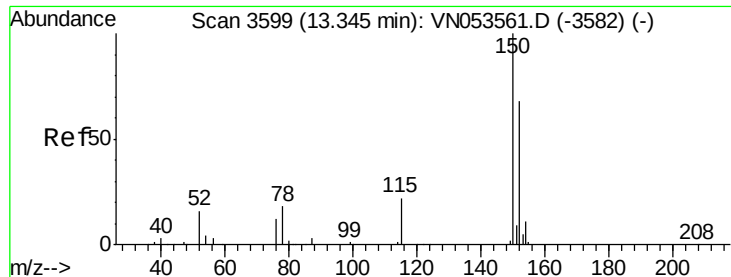


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053797.D

Acq: 15 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

M-3-D

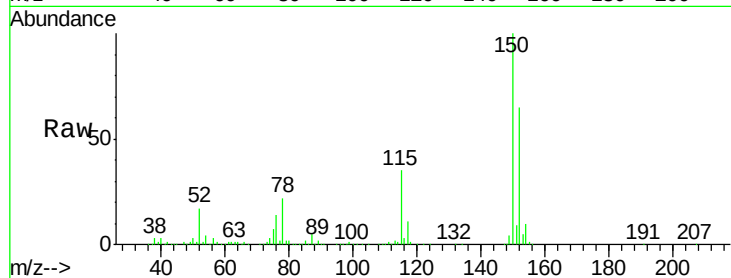
Tot Ion:152 Resp: 437829

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

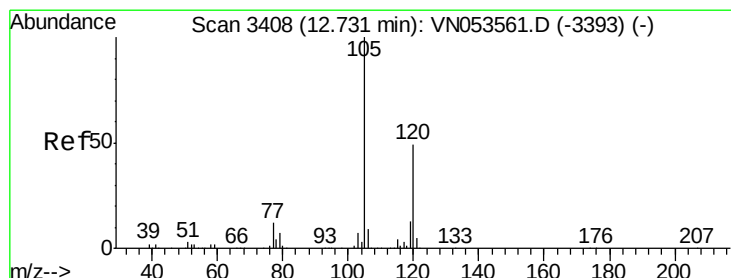
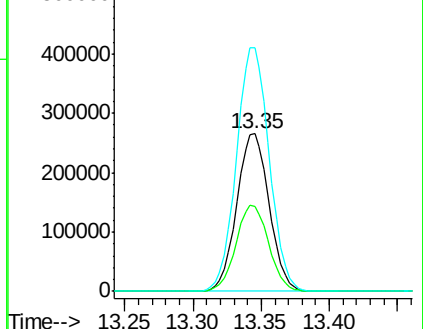
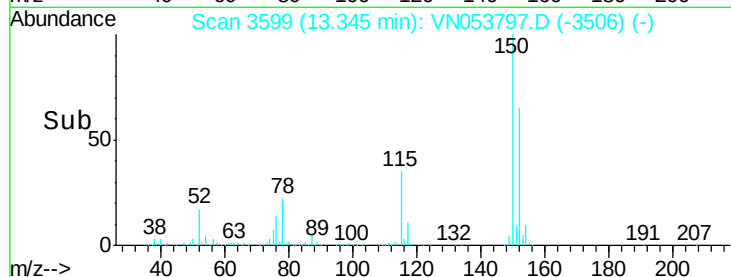
150 156.1 0.0 349.0



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



#80

1,3,5-Trimethylbenzene

Concen: 0.592 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053797.D

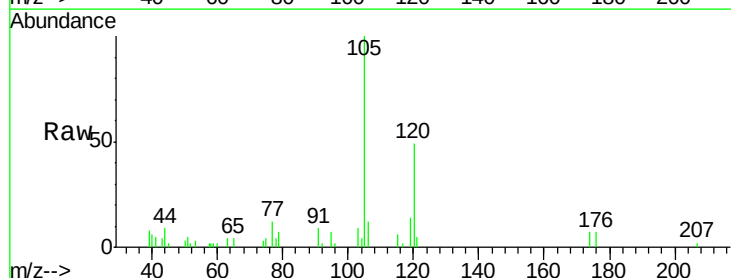
Acq: 15 Feb 2019 13:57

Tgt Ion:105 Resp: 15117

Ion Ratio Lower Upper

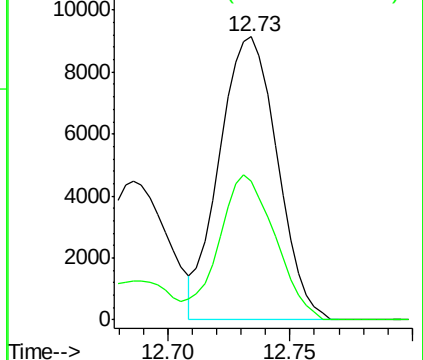
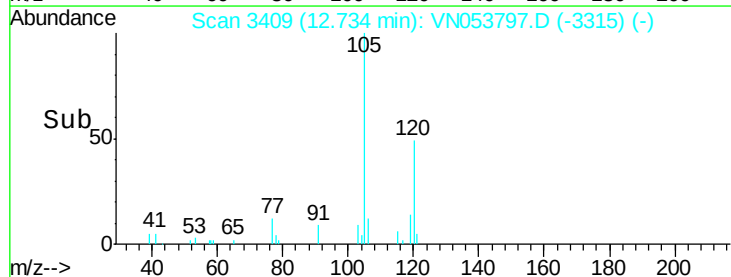
105 100

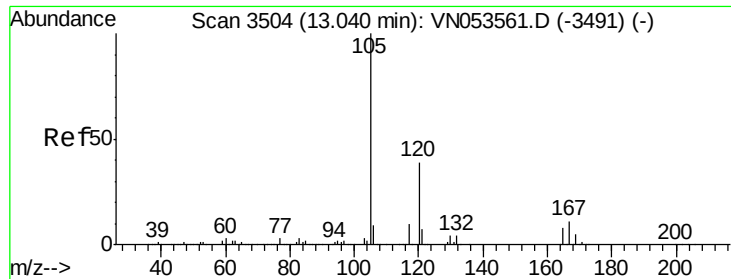
120 49.9 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 0.748 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053797.D

Acq: 15 Feb 2019 13:57

Instrument :

MSVOA_N

ClientSampled :

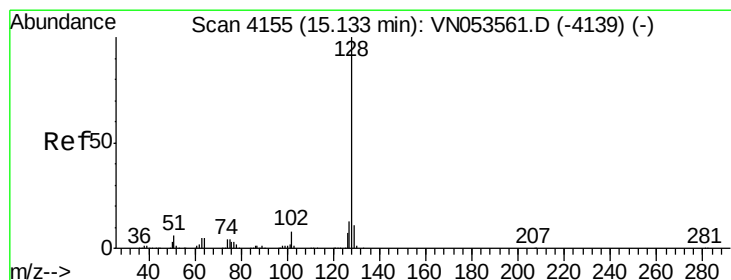
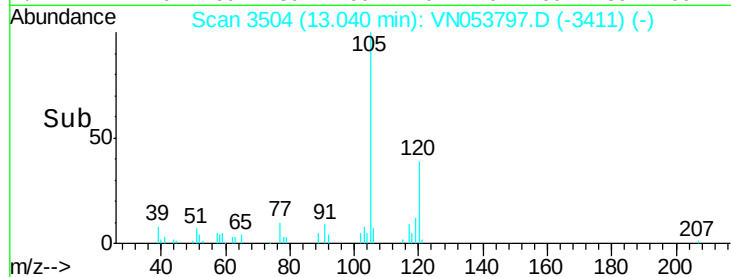
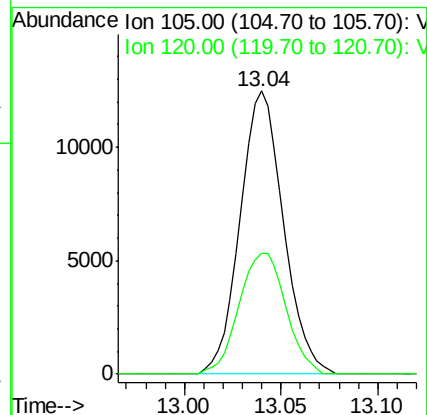
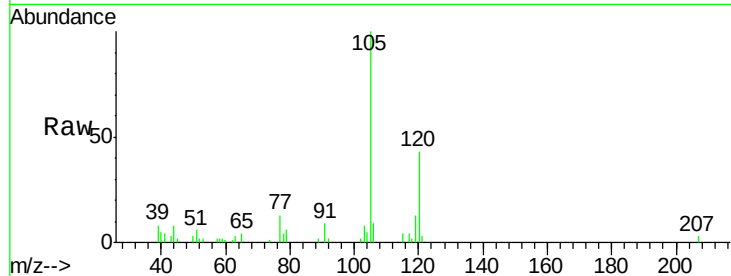
M-3-D

Tot Ion:105 Resp: 19447

Ion Ratio Lower Upper

105 100

120 46.1 23.0 69.0



#95

Naphthalene

Concen: 2.151 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053797.D

Acq: 15 Feb 2019 13:57

Tgt Ion:128 Resp: 8256

Ion Ratio Lower Upper

128 100

127 4.8 10.3 15.5#

129 11.2 8.6 13.0

