

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100818\
 Data File : VN051731.D
 Acq On : 8 Oct 2018 13:20
 Operator : MD\SY
 Sample : J5165-05 10X
 Misc : 6.24u/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D-092718(7-10)

Quant Time: Oct 09 04:59:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

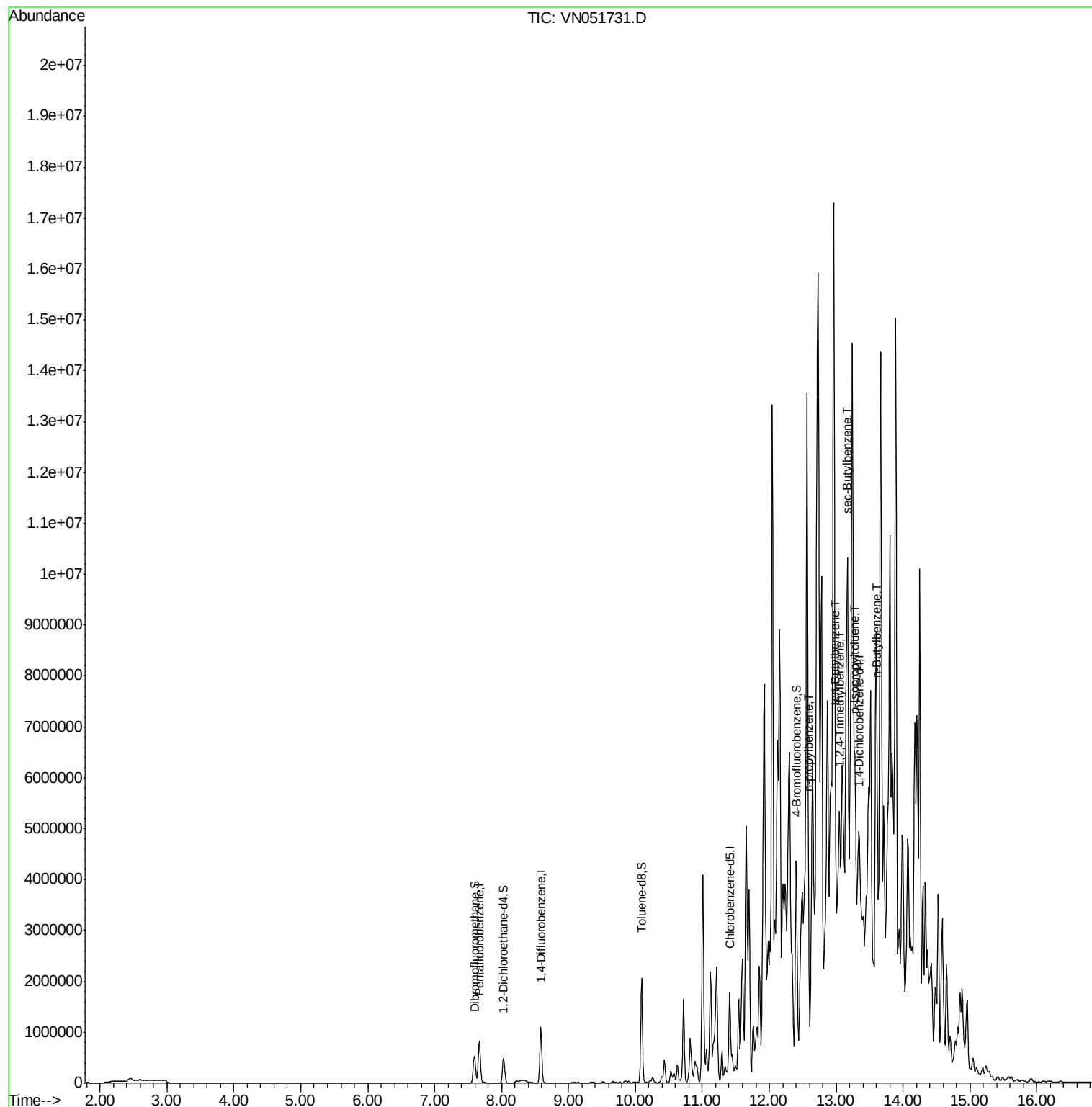
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	716091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1023259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	979910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	711259	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	421538	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	
35) Dibromofluoromethane	7.59	113	382358	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
50) Toluene-d8	10.09	98	1441178	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.40	95	815128	78.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.04%	
Target Compounds						
78) n-propylbenzene	12.59	91	494734	7.481	ug/l	97
83) tert-Butylbenzene	12.99	119	338008	7.383	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	165123	3.226	ug/l	98
85) sec-Butylbenzene	13.17	105	3109403	51.342	ug/l #	72
86) p-Isopropyltoluene	13.29	119	195029	3.633	ug/l	96
89) n-Butylbenzene	13.62	91	1832499	43.168	ug/l #	58

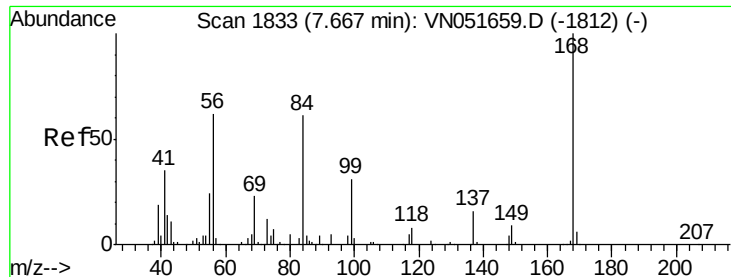
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP1-MW-D-092718(7-10)

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Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
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: VN051731.D

Acq: 8 Oct 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

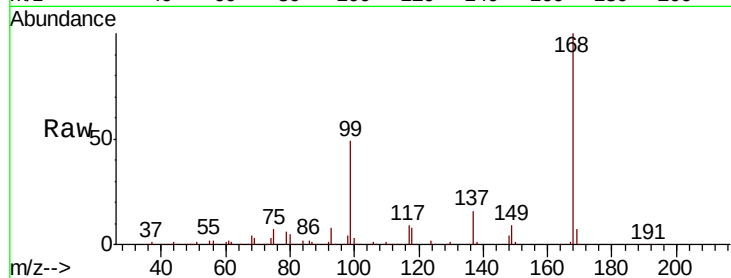
EP1-MW-D-092718(7-10)

Tot Ion:168 Resp: 716091

Ion Ratio Lower Upper

168 100

99 48.5 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

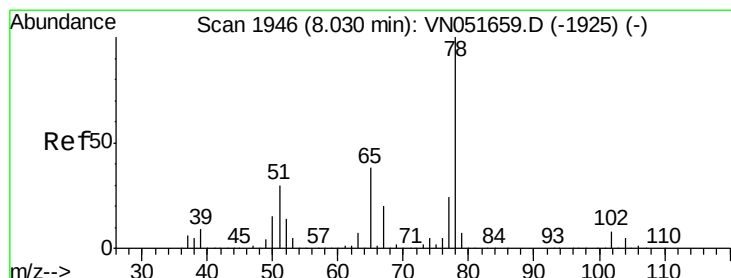
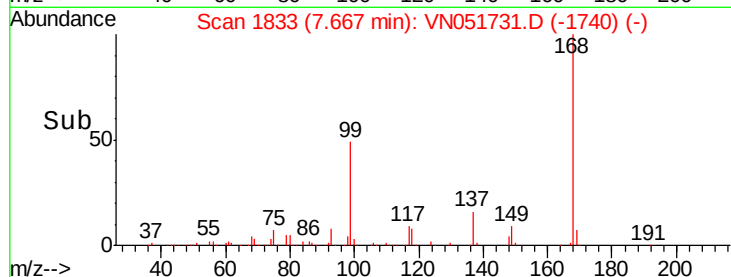
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051731.D

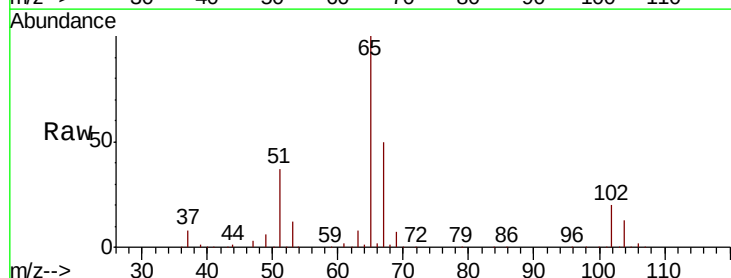
Acq: 8 Oct 2018 13:20

Tgt Ion: 65 Resp: 421538

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

200000

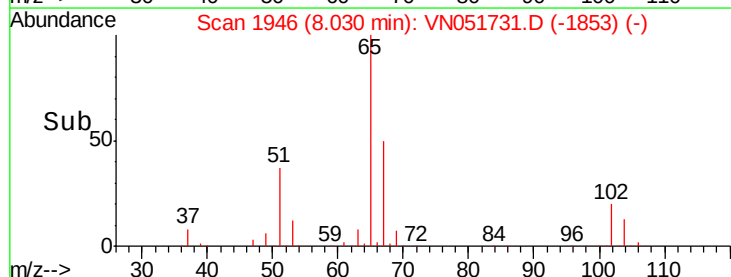
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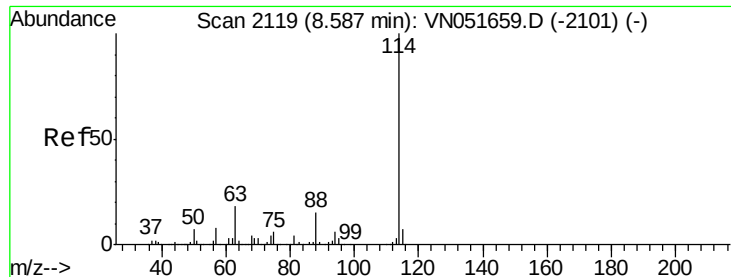
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50000

0

Time-->

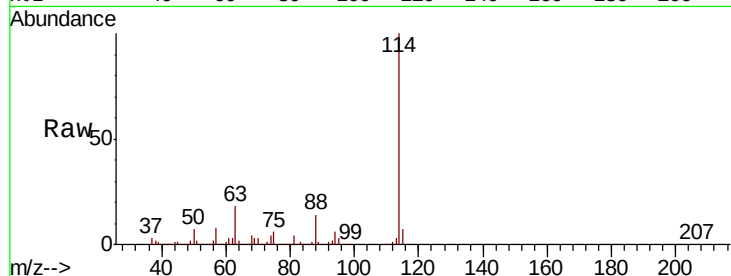




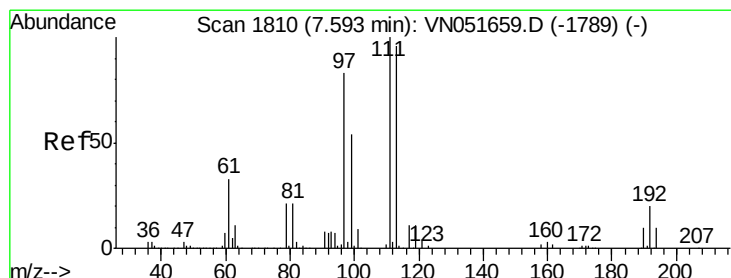
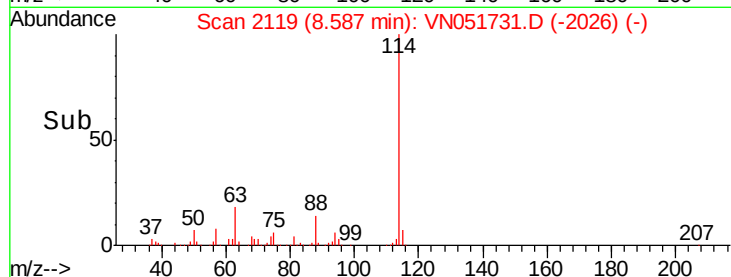
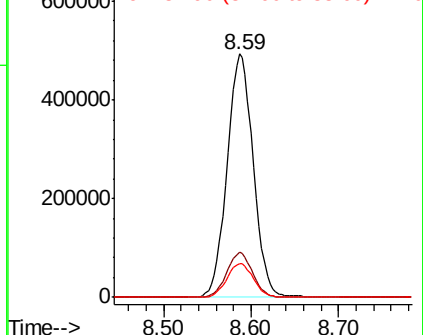
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051731.D
 Acq: 8 Oct 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D-092718(7-10)

Tot Ion:114 Resp: 1023259
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.2
 88 13.9 0.0 30.2

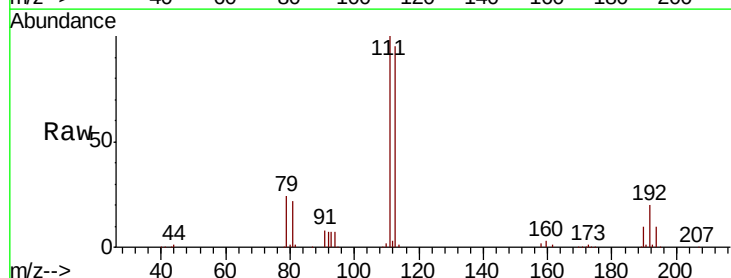


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

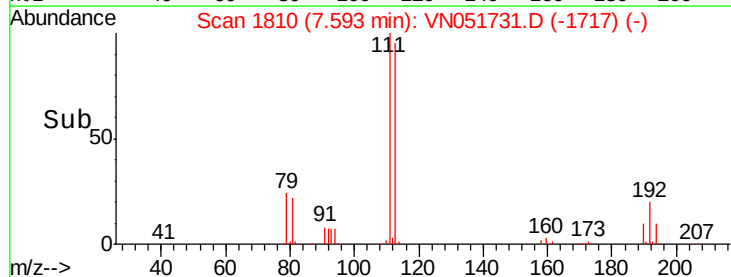
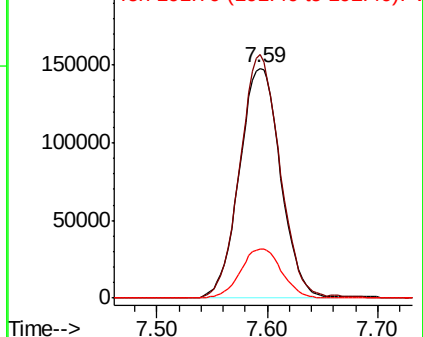


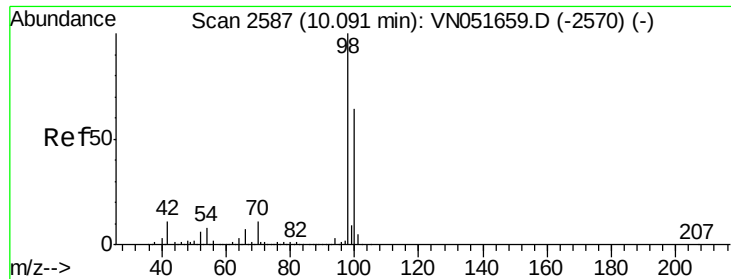
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051731.D
 Acq: 8 Oct 2018 13:20

Tgt Ion:113 Resp: 382358
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.8 122.8
 192 21.5 16.5 24.7



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

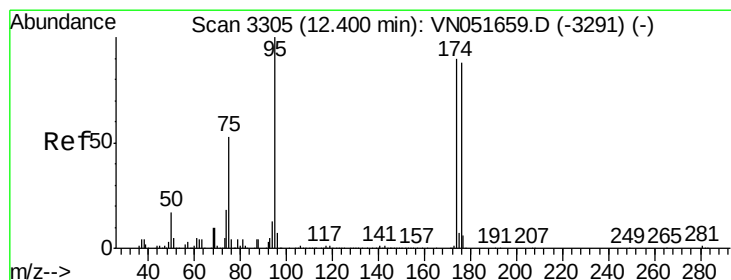
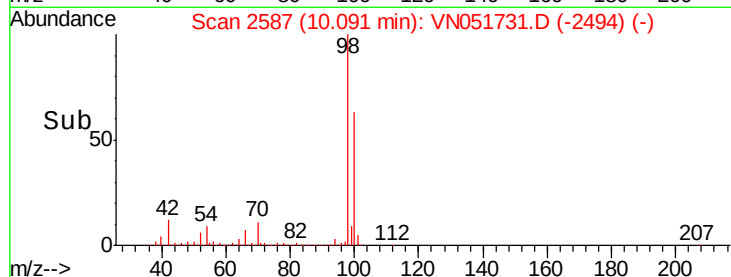
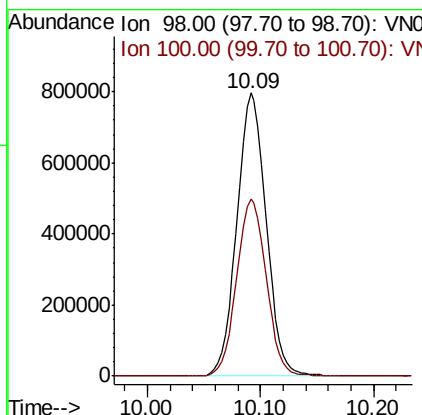
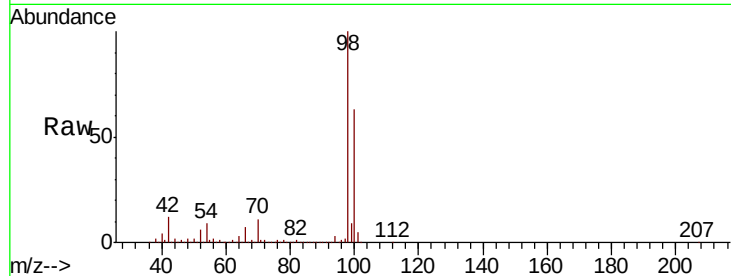




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051731.D
Acq: 8 Oct 2018 13:20

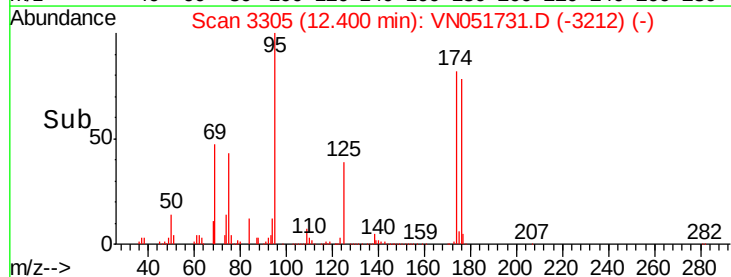
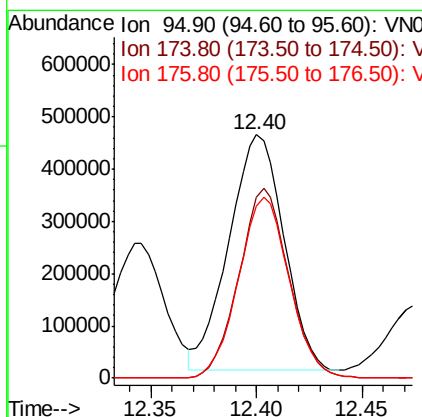
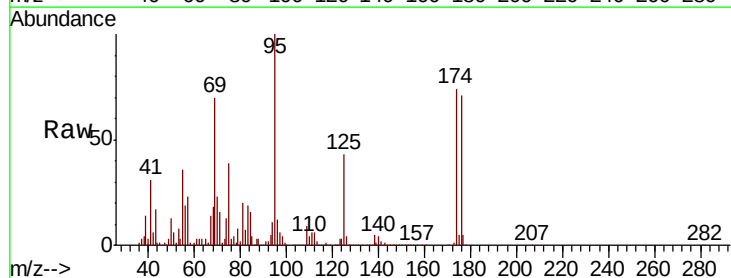
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D-092718(7-10)

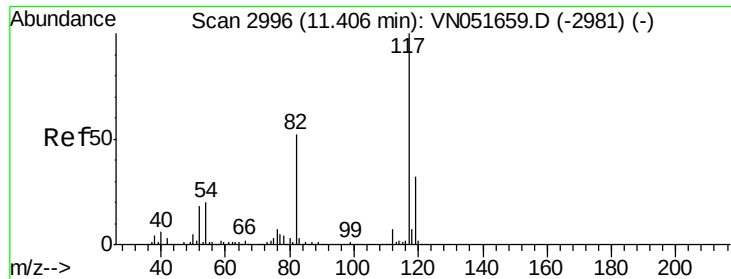
Tot Ion: 98 Resp: 1441178
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051731.D
Acq: 8 Oct 2018 13:20

Tgt Ion: 95 Resp: 815128
Ion Ratio Lower Upper
95 100
174 73.2 0.0 182.8
176 71.0 0.0 176.4

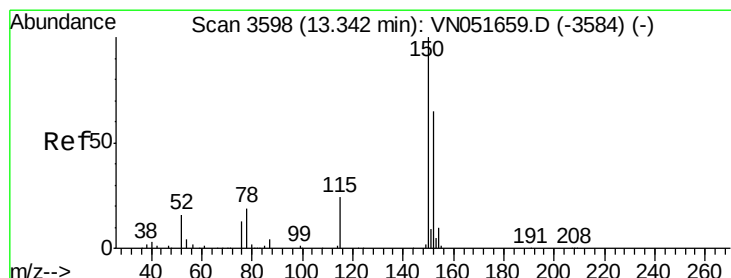
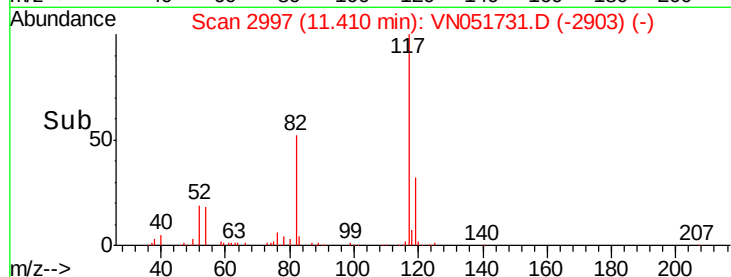
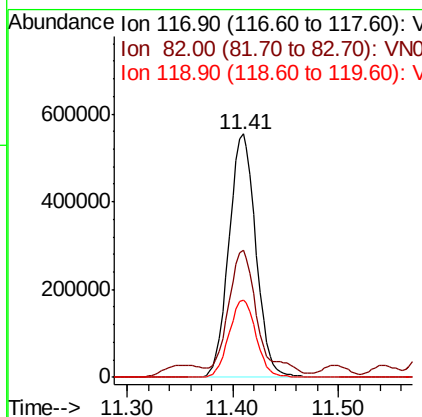
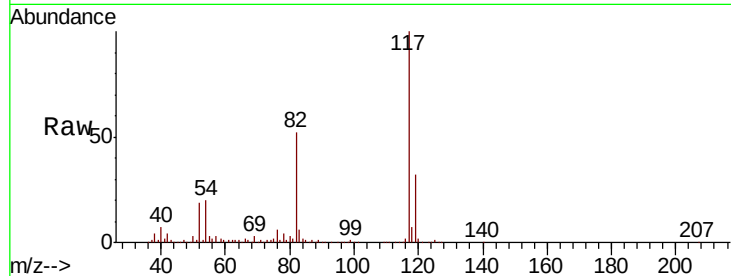




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051731.D
Acq: 8 Oct 2018 13:20

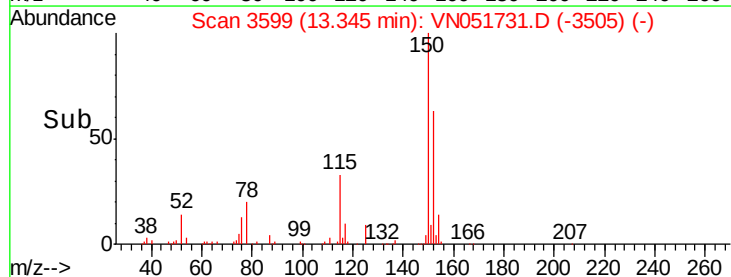
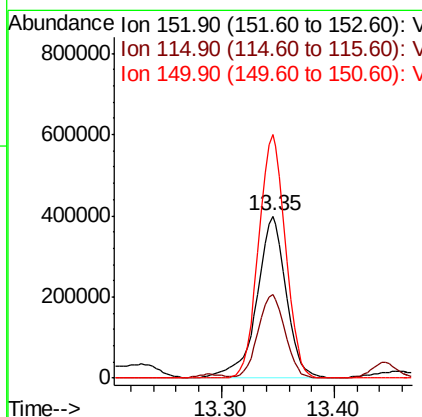
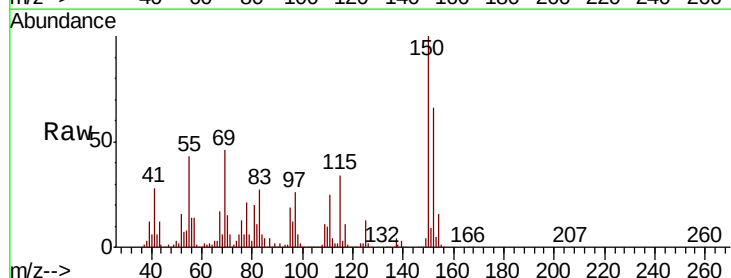
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D-092718(7-10)

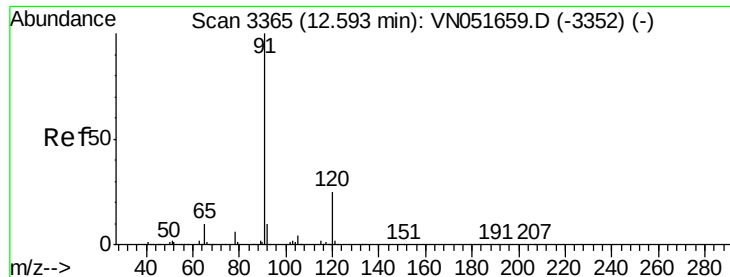
Tot Ion:117 Resp: 979910
Ion Ratio Lower Upper
117 100
82 47.3 41.3 61.9
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051731.D
Acq: 8 Oct 2018 13:20

Tgt Ion:152 Resp: 711259
Ion Ratio Lower Upper
152 100
115 47.6 28.6 85.8
150 138.7 0.0 352.4





#78

n-propylbenzene

Concen: 7.481 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051731.D

Acq: 8 Oct 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

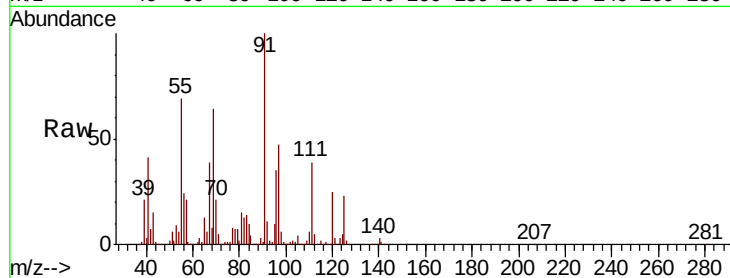
EP1-MW-D-092718(7-10)

Tot Ion: 91 Resp: 494734

Ion Ratio Lower Upper

91 100

120 23.2 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN051731.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN051731.D (-3352) (-)

12.59

300000

250000

200000

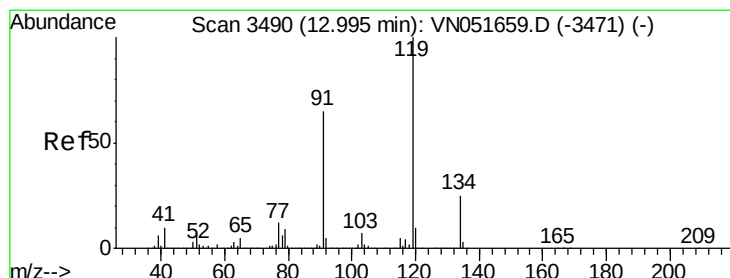
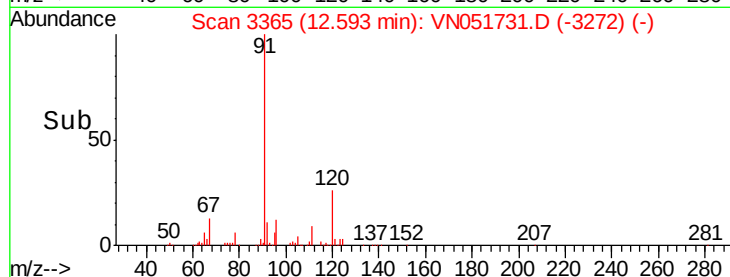
150000

100000

50000

0

Time-->



#83

tert-Butylbenzene

Concen: 7.383 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051731.D

Acq: 8 Oct 2018 13:20

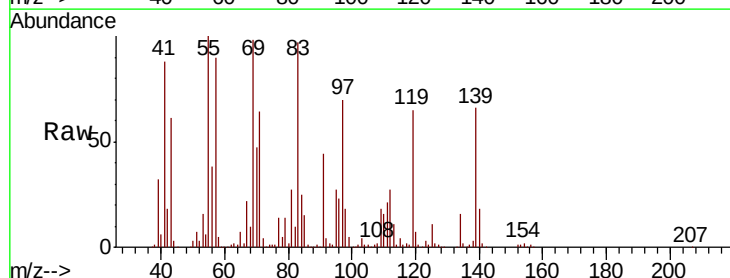
Tgt Ion: 119 Resp: 338008

Ion Ratio Lower Upper

119 100

91 69.0 32.1 96.5

134 24.9 13.3 39.9



Abundance Ion 119.00 (118.70 to 119.70): VN051731.D (-3471) (-)

Ion 91.00 (90.70 to 91.70): VN051731.D (-3471) (-)

Ion 134.00 (133.70 to 134.70): VN051731.D (-3471) (-)

12.99

250000

200000

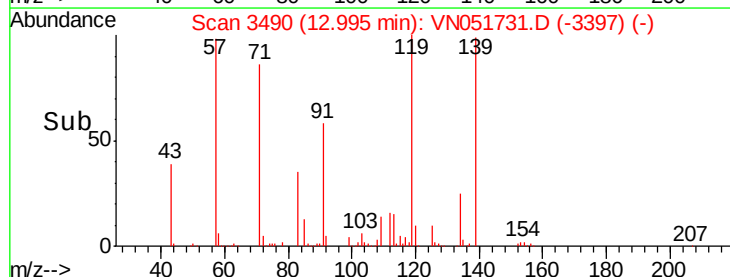
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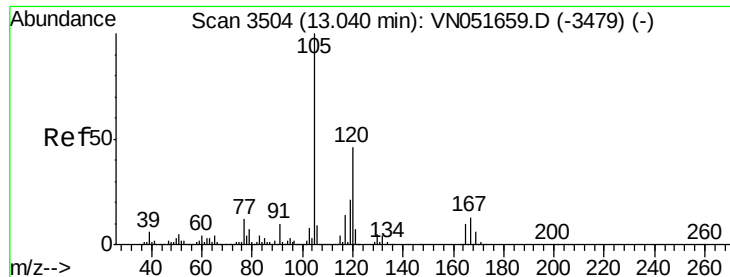
100000

50000

0

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 3.226 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051731.D

Acq: 8 Oct 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

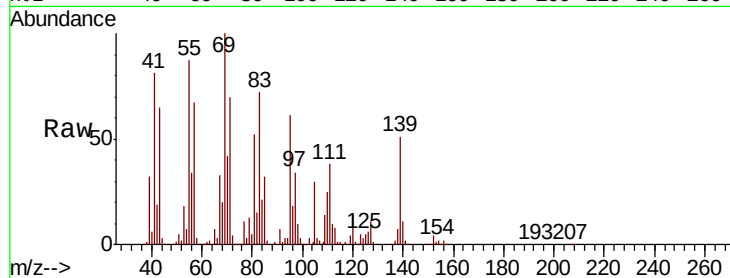
EP1-MW-D-092718(7-10)

Tot Ion:105 Resp: 165123

Ion Ratio Lower Upper

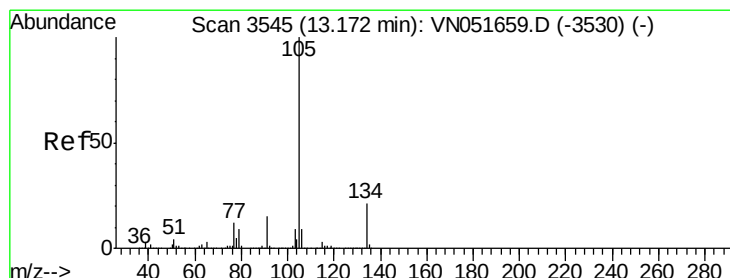
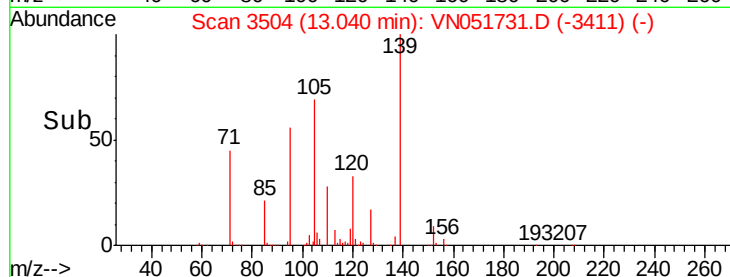
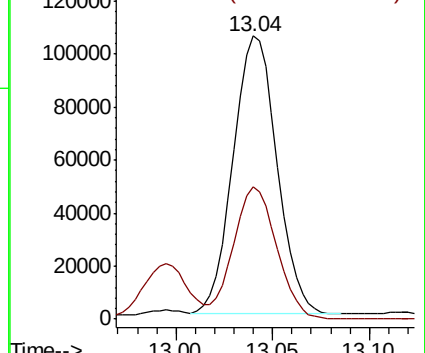
105 100

120 46.8 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 51.342 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN051731.D

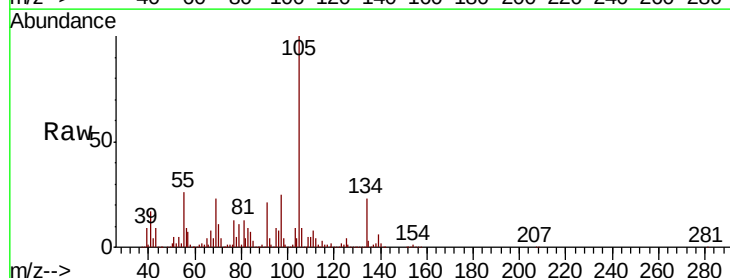
Acq: 8 Oct 2018 13:20

Tgt Ion:105 Resp: 3109403

Ion Ratio Lower Upper

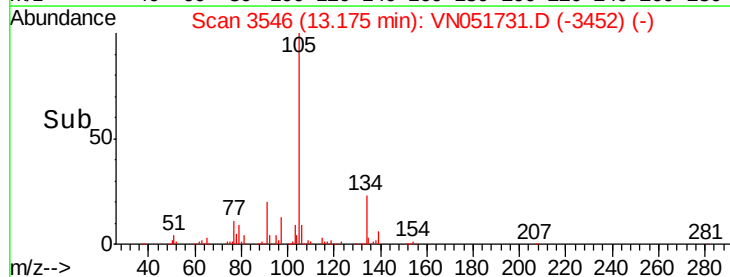
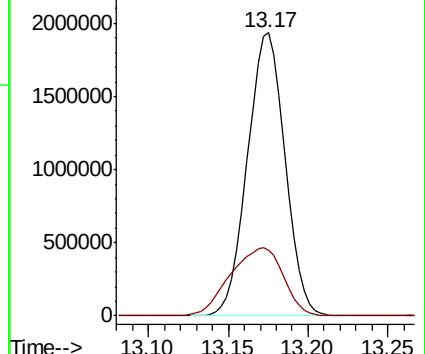
105 100

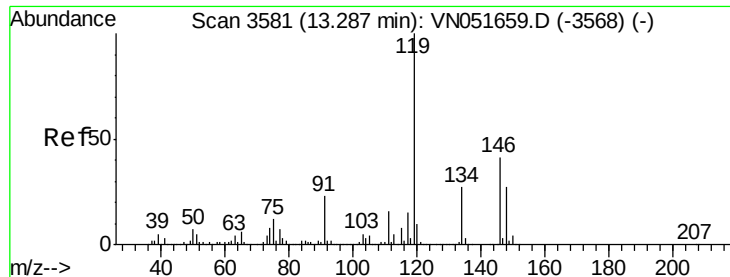
134 34.1 10.5 31.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

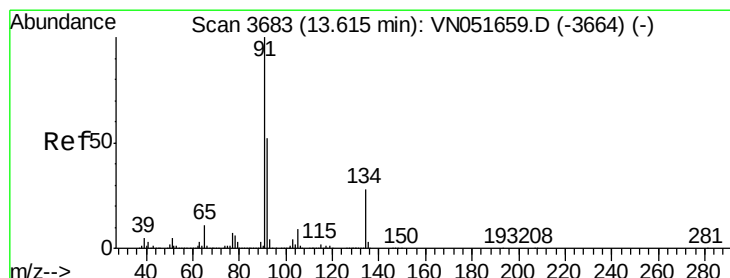
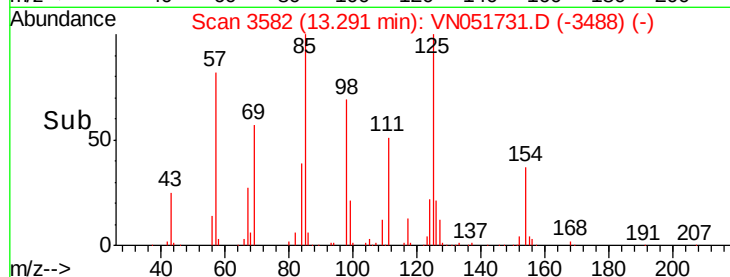
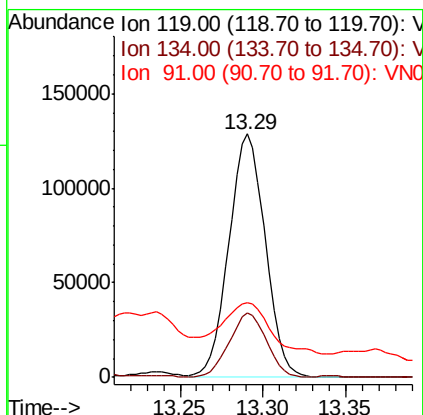
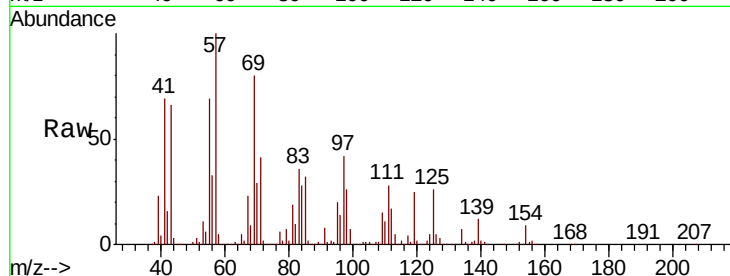




#86
 p-Isopropyltoluene
 Concen: 3.633 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051731.D
 Acq: 8 Oct 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D-092718(7-10)

Tot Ion:119 Resp: 195029
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.2
 91 27.7 11.7 35.1



#89
 n-Butylbenzene
 Concen: 43.168 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN051731.D
 Acq: 8 Oct 2018 13:20

Tgt Ion: 91 Resp: 1832499
 Ion Ratio Lower Upper
 91 100
 92 44.2 26.0 78.0
 134 81.1 14.2 42.6#

