

Data File : VU024887.D
Acq On : 25 Jun 2018 20:11
Operator : MD/SY
Sample : J3663-05ME
Misc : 6.76g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WP021SB472-26-28-180618ME

Quant Time: Jul 03 04:15:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

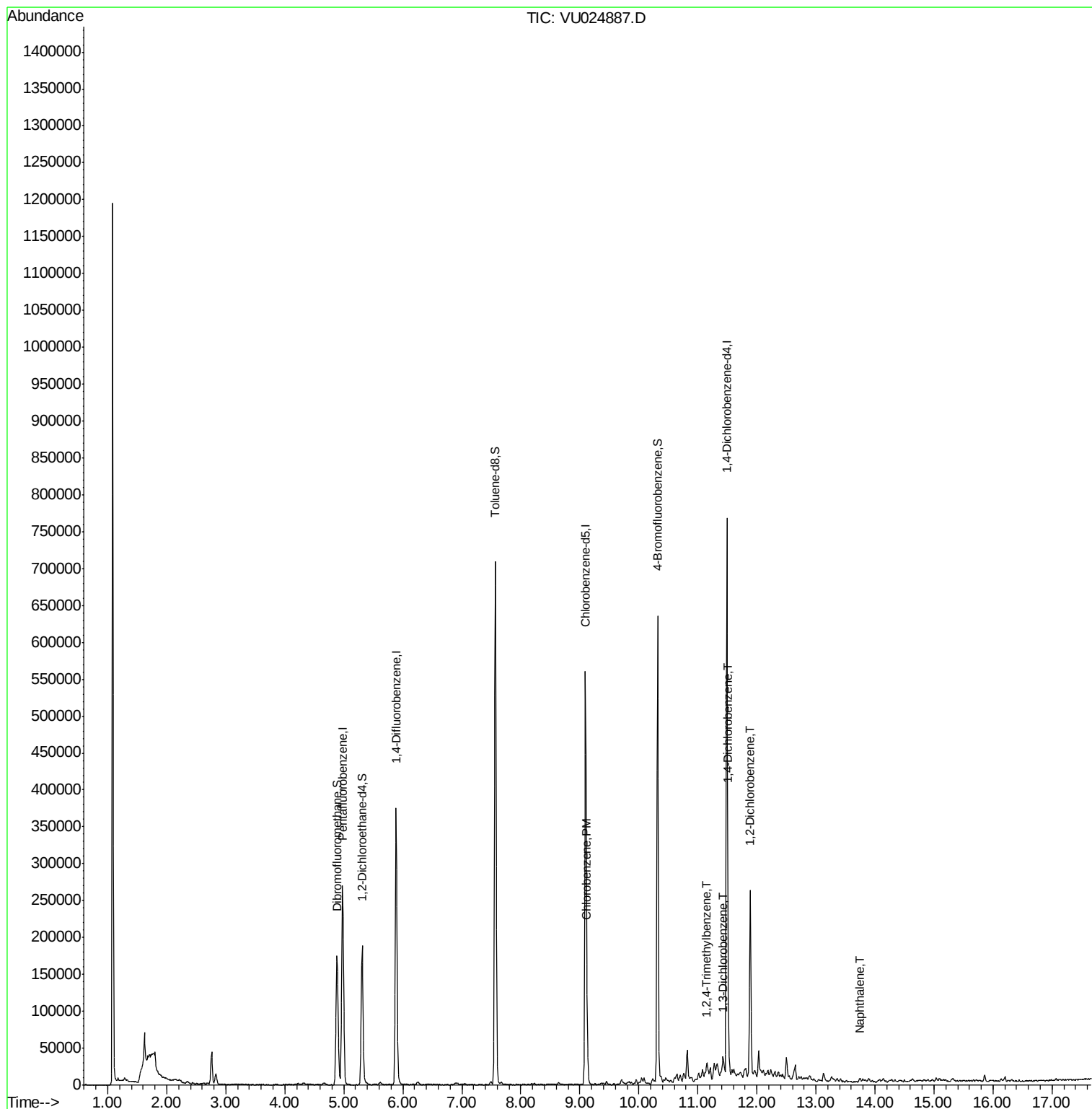
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	216372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	333851	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	328645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	190287	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	161569	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
35) Dibromofluoromethane	4.88	113	129441	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
50) Toluene-d8	7.57	98	491276	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
62) 4-Bromofluorobenzene	10.32	95	204456	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
Target Compounds						
65) Chlorobenzene	9.13	112	28404	3.383	ug/l	99
84) 1,2,4-Trimethylbenzene	11.16	105	3568	0.276	ug/l	93
87) 1,3-Dichlorobenzene	11.43	146	7155	1.047	ug/l #	84
88) 1,4-Dichlorobenzene	11.51	146	15272	2.221	ug/l #	78
91) 1,2-Dichlorobenzene	11.89	146	96292	14.069	ug/l	100
95) Naphthalene	13.75	128	3413	0.920	ug/l #	92

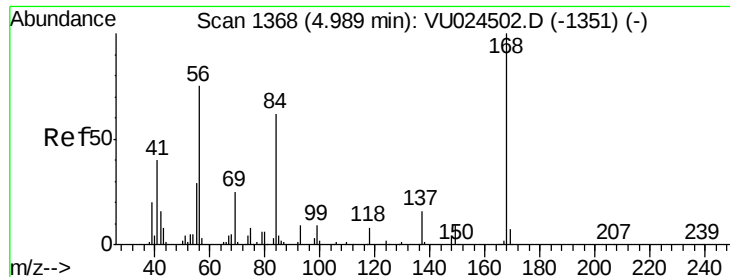
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1365

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

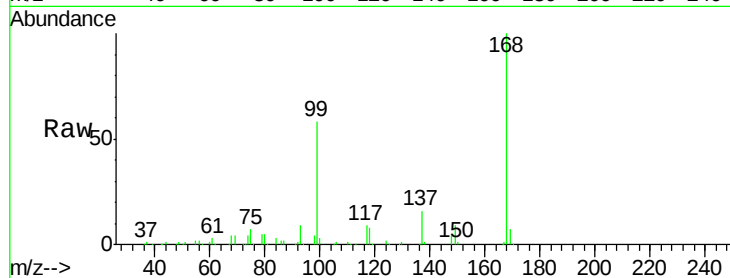
WP021SB472-26-28-180618ME

Tgt Ion:168 Resp: 216372

Ion Ratio Lower Upper

168 100

99 57.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024887.D

Ion 98.90 (98.60 to 99.60): VU024887.D

4.98

100000

80000

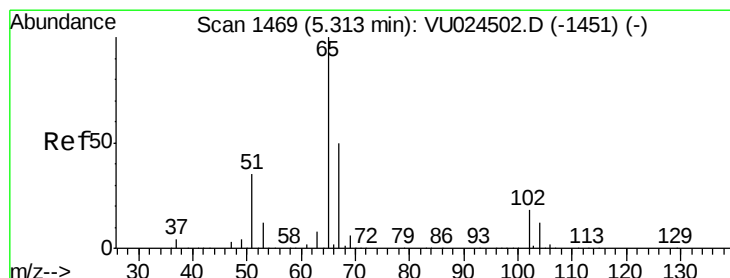
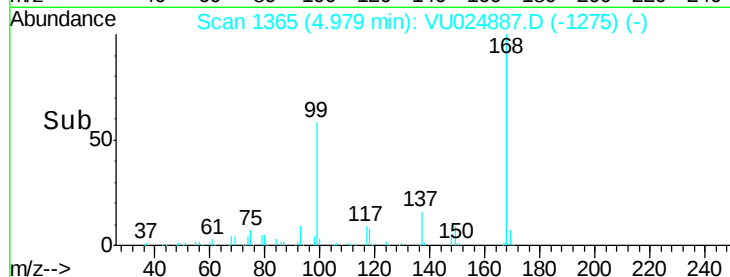
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.740 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU024887.D

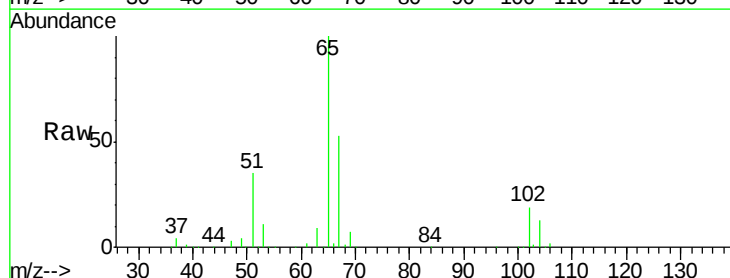
Acq: 25 Jun 2018 20:11

Tgt Ion: 65 Resp: 161569

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024887.D

Ion 66.90 (66.60 to 67.60): VU024887.D

5.31

80000

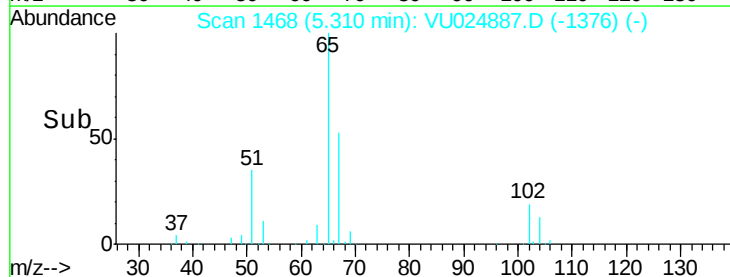
60000

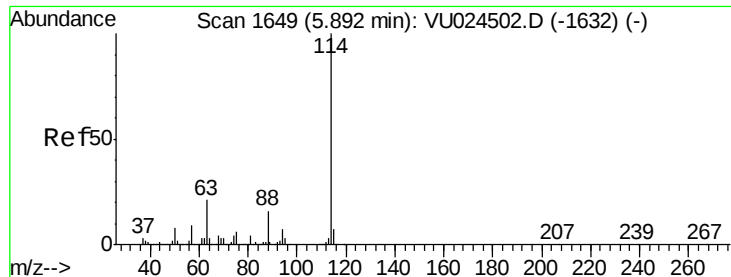
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1647

Delta R.T. -0.01 min

Lab File: VU024887.D

Acq: 25 Jun 2018 20:11

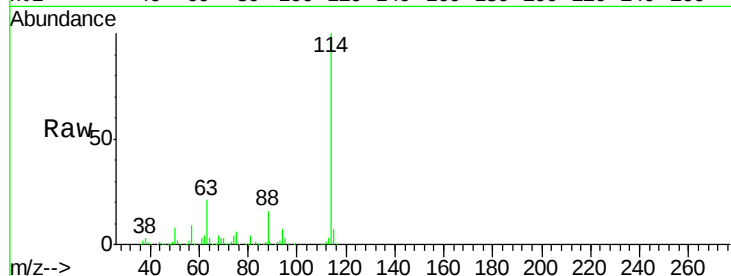
Instrument :

MSVOA_U

ClientSampleId :

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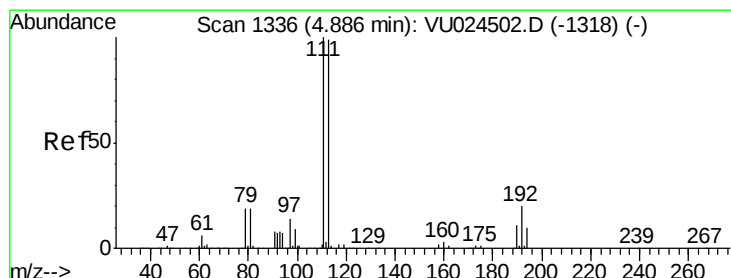
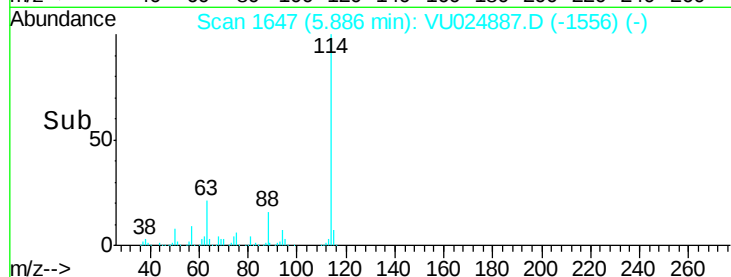
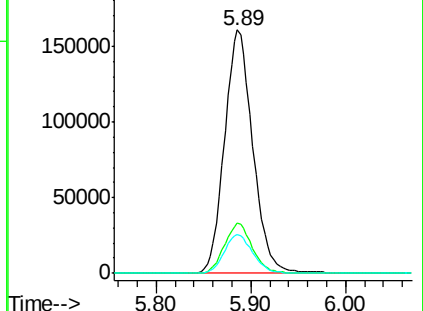
Tgt Ion:	114	Resp:	333851
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	45.4
88	16.0	0.0	31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 46.718 ug/l

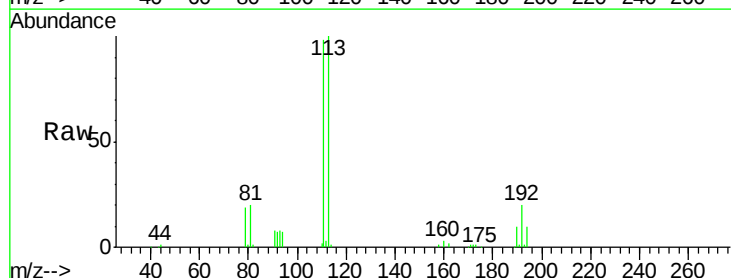
RT: 4.88 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU024887.D

Acq: 25 Jun 2018 20:11

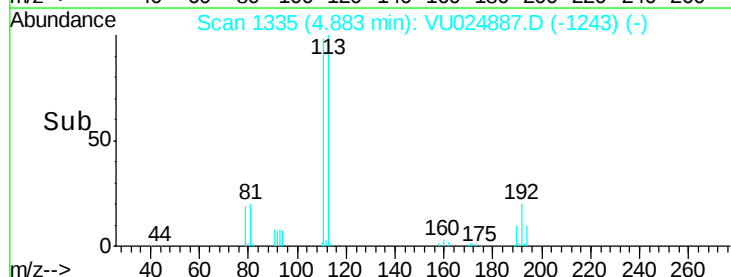
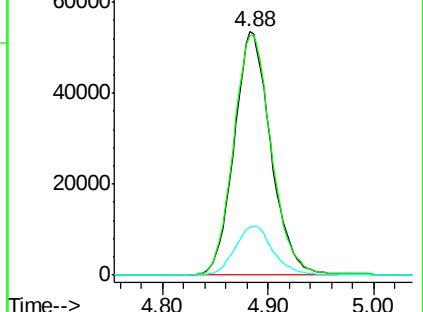
Tgt Ion:	113	Resp:	129441
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.4
192	20.7	16.2	24.4

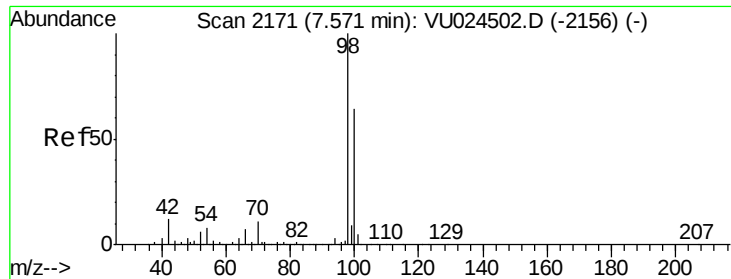


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

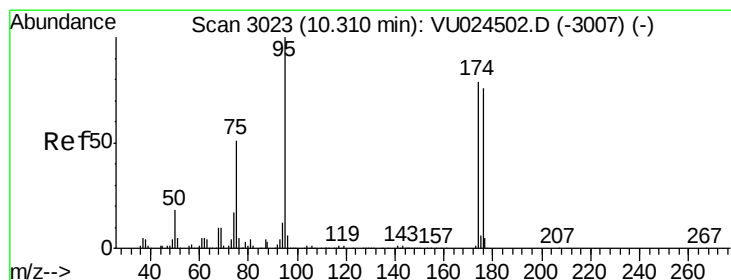
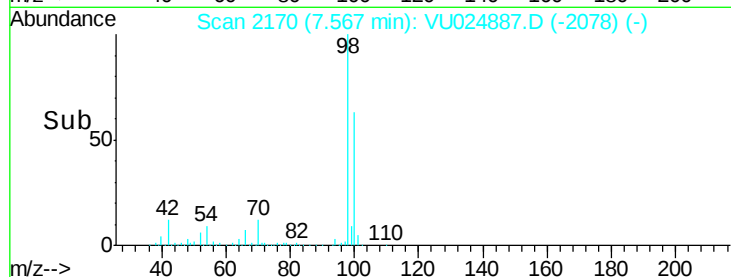
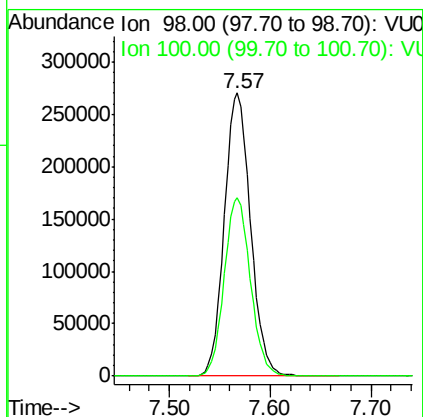
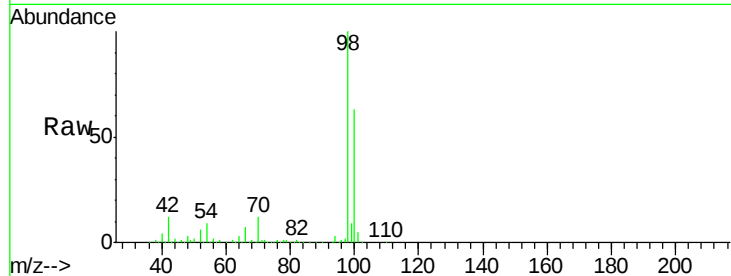




#50
Toluene-d8
Concen: 48.610 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024887.D
Acq: 25 Jun 2018 20:11

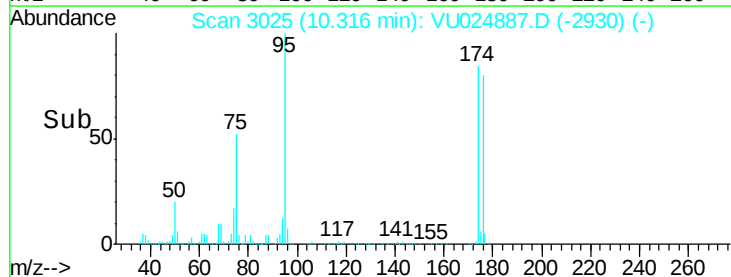
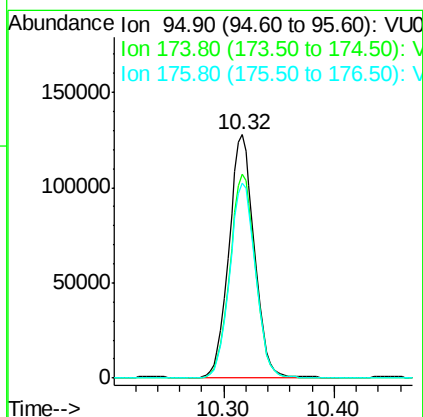
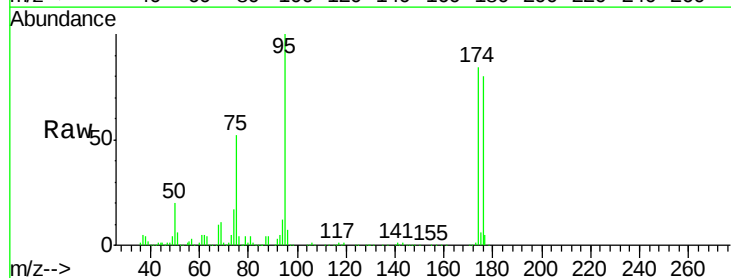
Instrument :
MSVOA_U
ClientSampleId :
WP021SB472-26-28-180618ME

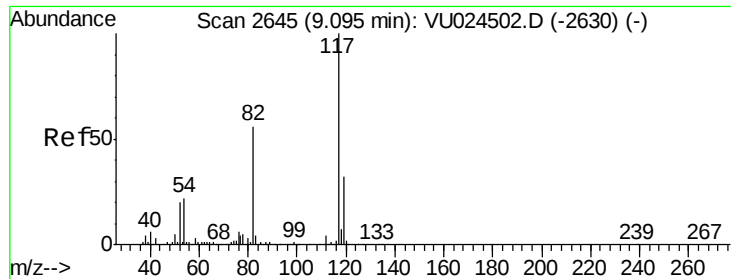
Tgt Ion: 98 Resp: 491276
Ion Ratio Lower Upper
98 100
100 63.0 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 50.953 ug/l
RT: 10.32 min Scan# 3025
Delta R.T. 0.01 min
Lab File: VU024887.D
Acq: 25 Jun 2018 20:11

Tgt Ion: 95 Resp: 204456
Ion Ratio Lower Upper
95 100
174 84.1 0.0 165.8
176 81.3 0.0 159.4

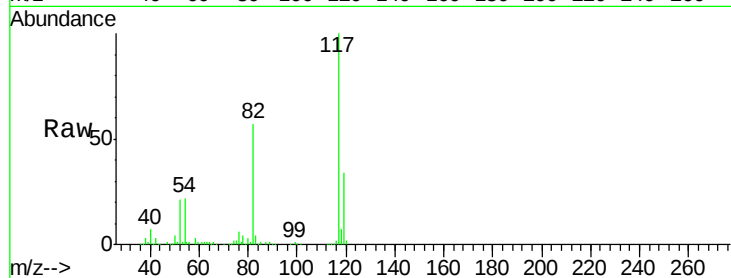




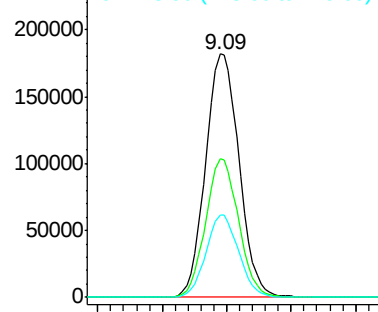
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024887.D
Acq: 25 Jun 2018 20:11

Instrument :
MSVOA_U
ClientSampleId :
WP021SB472-26-28-180618ME

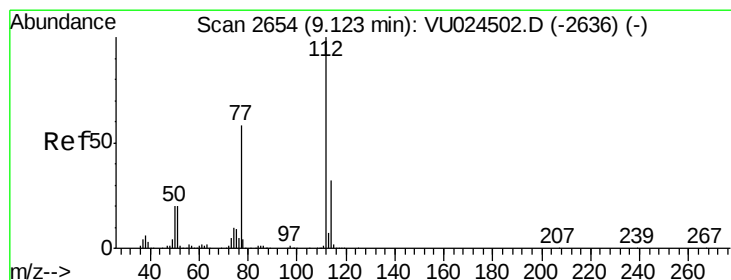
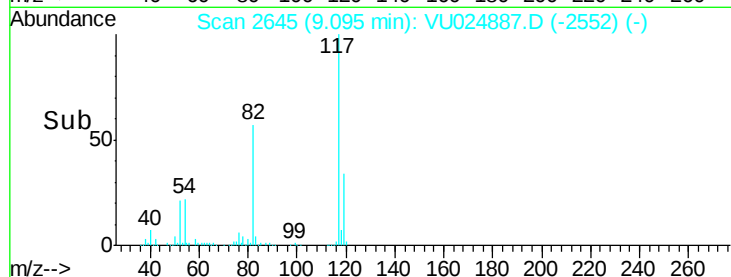
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.3	66.5
119	33.7	25.4	38.2



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

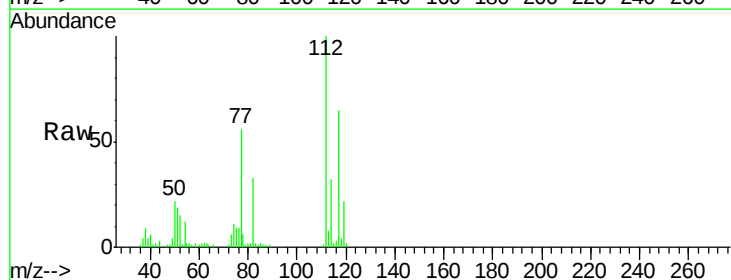


Time--> 9.00 9.05 9.10 9.15 9.20

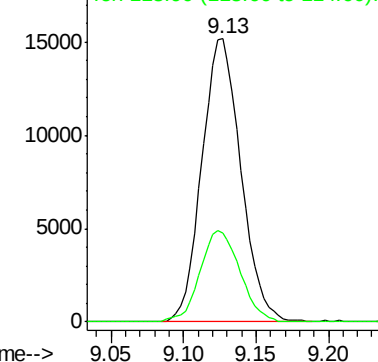


#65
Chlorobenzene
Concen: 3.383 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU024887.D
Acq: 25 Jun 2018 20:11

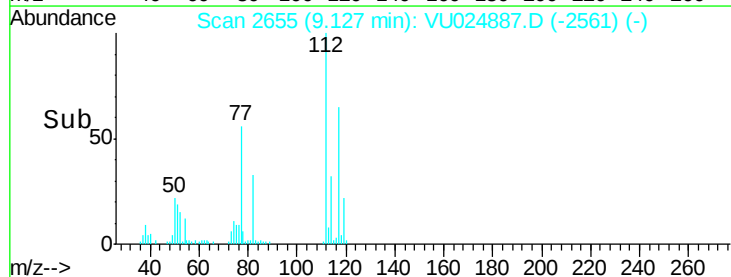
Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.6	38.4

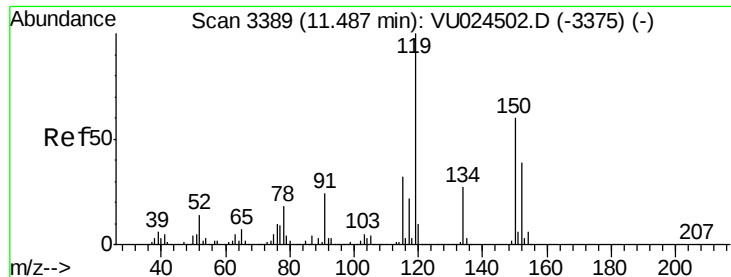


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



Time--> 9.05 9.10 9.15 9.20





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU024887.D

Acq: 25 Jun 2018 20:11

Instrument :

MSVOA_U

ClientSampleId :

WP021SB472-26-28-180618ME

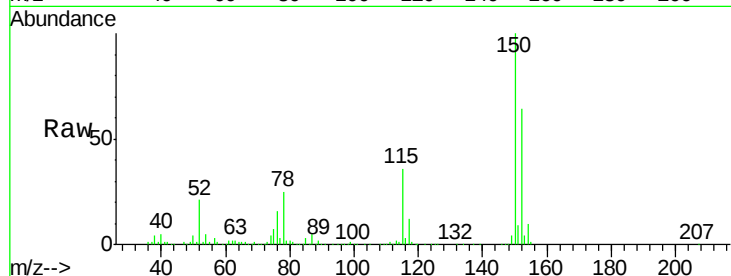
Tgt Ion:152 Resp: 190287

Ion Ratio Lower Upper

152 100

115 57.4 43.0 129.0

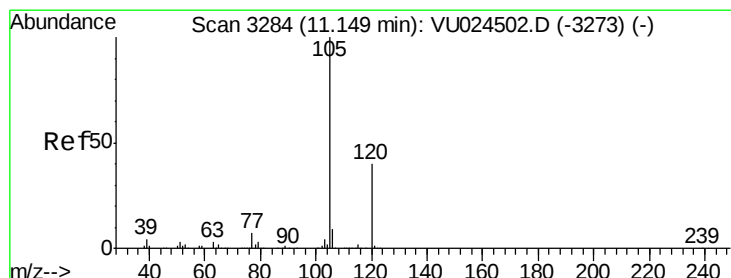
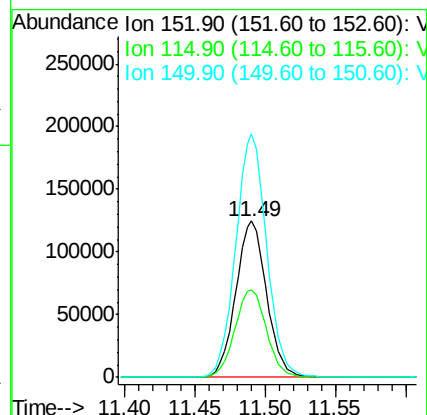
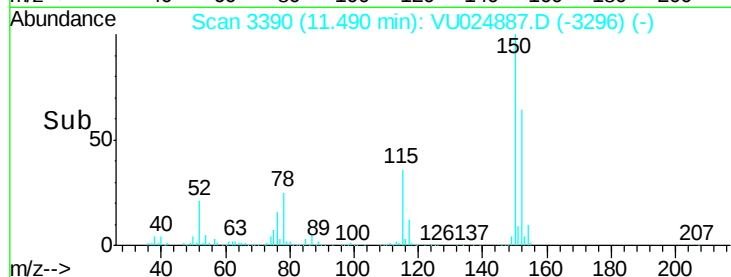
150 156.7 0.0 354.0



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



#84

1,2,4-Trimethylbenzene

Concen: 0.276 ug/l

RT: 11.16 min Scan# 3286

Delta R.T. 0.01 min

Lab File: VU024887.D

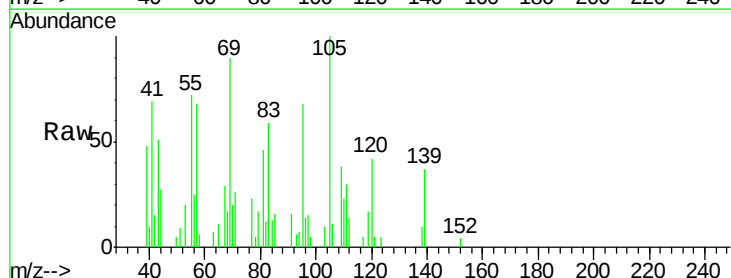
Acq: 25 Jun 2018 20:11

Tgt Ion:105 Resp: 3568

Ion Ratio Lower Upper

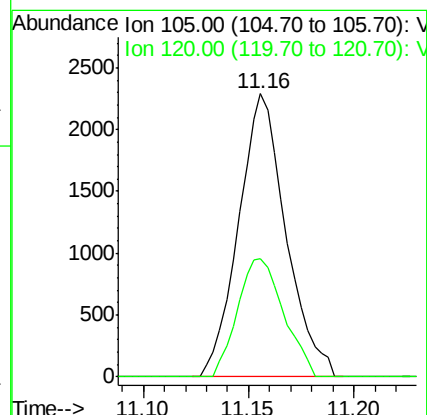
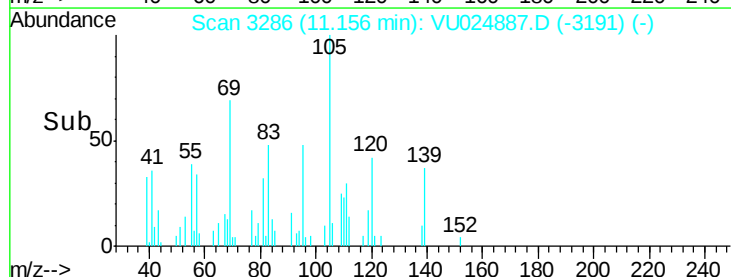
105 100

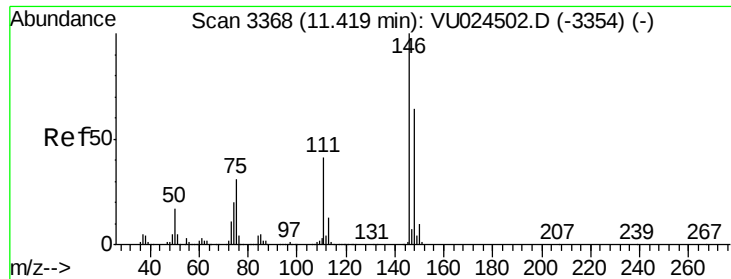
120 40.4 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

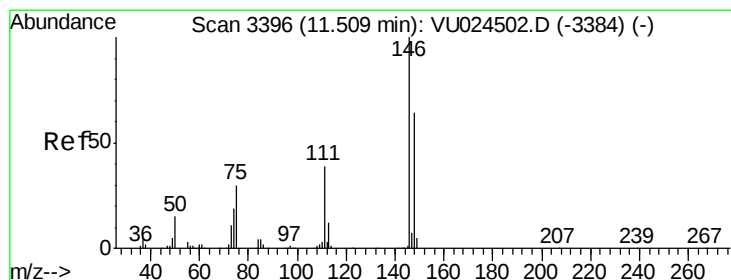
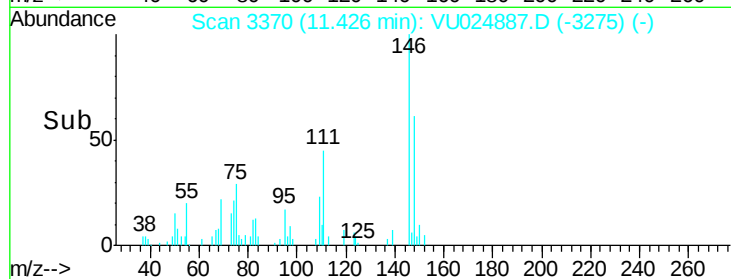
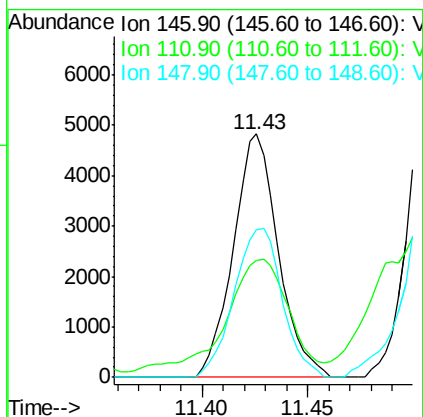
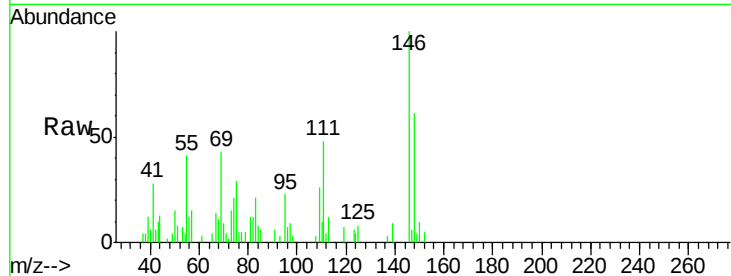




#87
 1,3-Dichlorobenzene
 Concen: 1.047 ug/l
 RT: 11.43 min Scan# 3370
 Delta R.T. 0.01 min
 Lab File: VU024887.D
 Acq: 25 Jun 2018 20:11

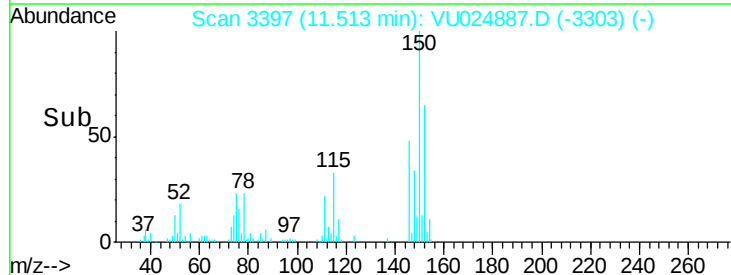
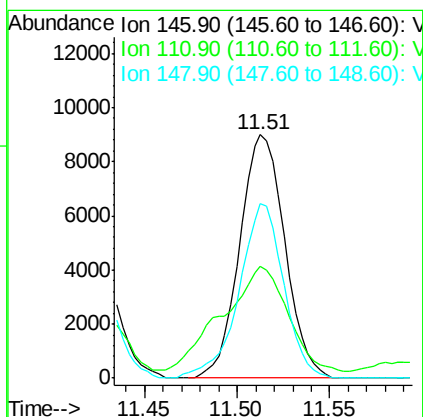
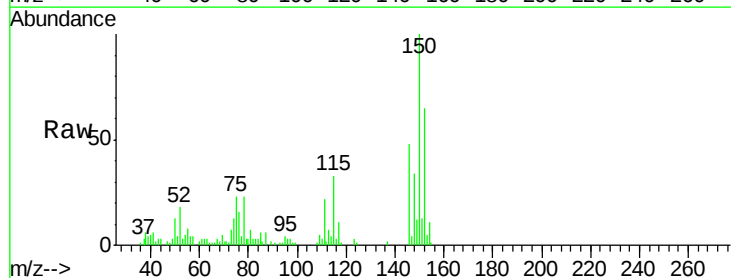
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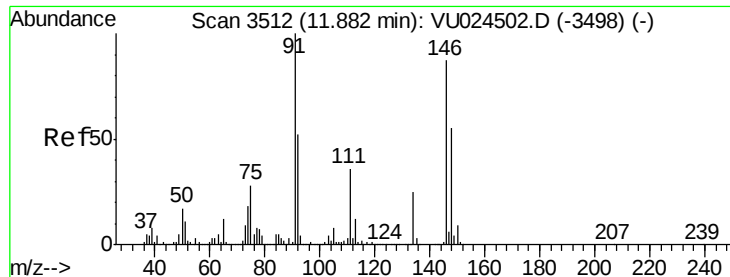
Tgt Ion:146 Resp: 7155
 Ion Ratio Lower Upper
 146 100
 111 64.3 20.0 60.0#
 148 65.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 2.221 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU024887.D
 Acq: 25 Jun 2018 20:11

Tgt Ion:146 Resp: 15272
 Ion Ratio Lower Upper
 146 100
 111 66.0 19.5 58.5#
 148 71.0 32.4 97.0

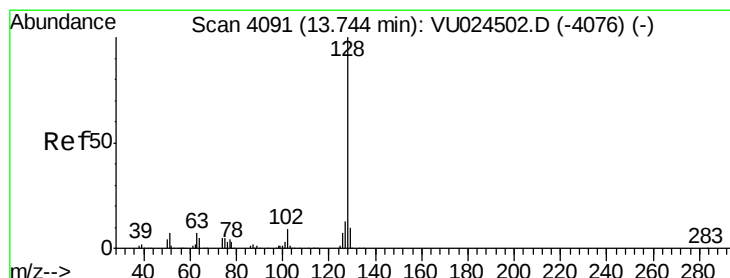
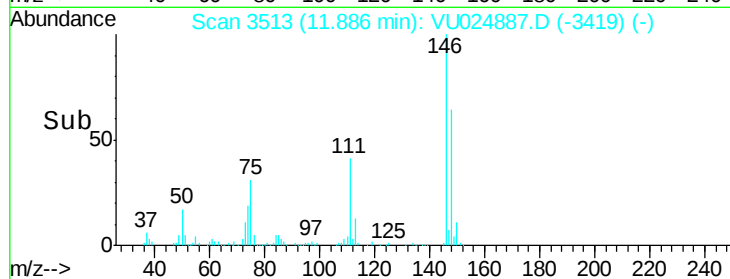
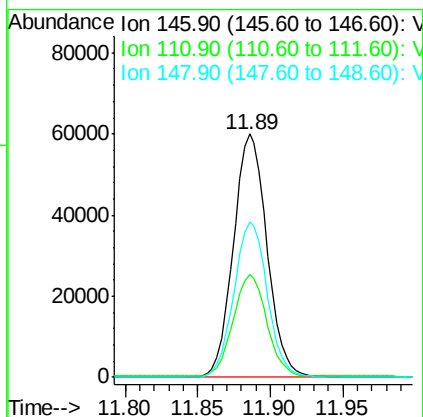
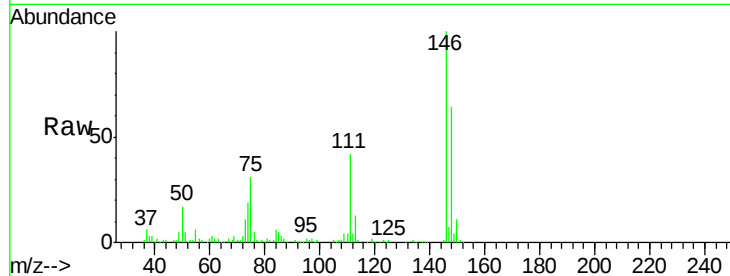




#91
 1,2-Dichlorobenzene
 Concen: 14.069 ug/l
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU024887.D
 Acq: 25 Jun 2018 20:11

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB472-26-28-180618ME

Tgt Ion:146 Resp: 96292
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.5 61.6
 148 63.6 31.9 95.7



#95
 Naphthalene
 Concen: 0.920 ug/l
 RT: 13.75 min Scan# 4094
 Delta R.T. 0.01 min
 Lab File: VU024887.D
 Acq: 25 Jun 2018 20:11

Tgt Ion:128 Resp: 3413
 Ion Ratio Lower Upper
 128 100
 127 8.6 10.6 16.0#
 129 11.6 8.6 12.8

