

Data File : VU027512.D
Acq On : 08 Oct 2018 20:20
Operator : MD/SY
Sample : J5298-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62W5

Quant Time: Oct 09 05:23:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 05:21:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	176433	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	164202	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	72216	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53379	38.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.88%
7) Chloroethane-d5	1.68	69	47915	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.58%
11) 1,1-Dichloroethene-d2	2.27	63	79388	30.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.96%
21) 2-Butanone-d5	4.18	46	131069	116.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.93%
24) Chloroform-d	4.65	84	110853	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.84%
26) 1,2-Dichloroethane-d4	5.31	65	78088	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
32) Benzene-d6	5.34	84	214824	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.30%
36) 1,2-Dichloropropane-d6	6.33	67	80466	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.84%
41) Toluene-d8	7.57	98	175988	41.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.68%
43) trans-1,3-Dichloropropene-	7.85	79	33161	42.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.38%
47) 2-Hexanone-d5	8.31	63	91550	112.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111329	52.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	69654	49.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

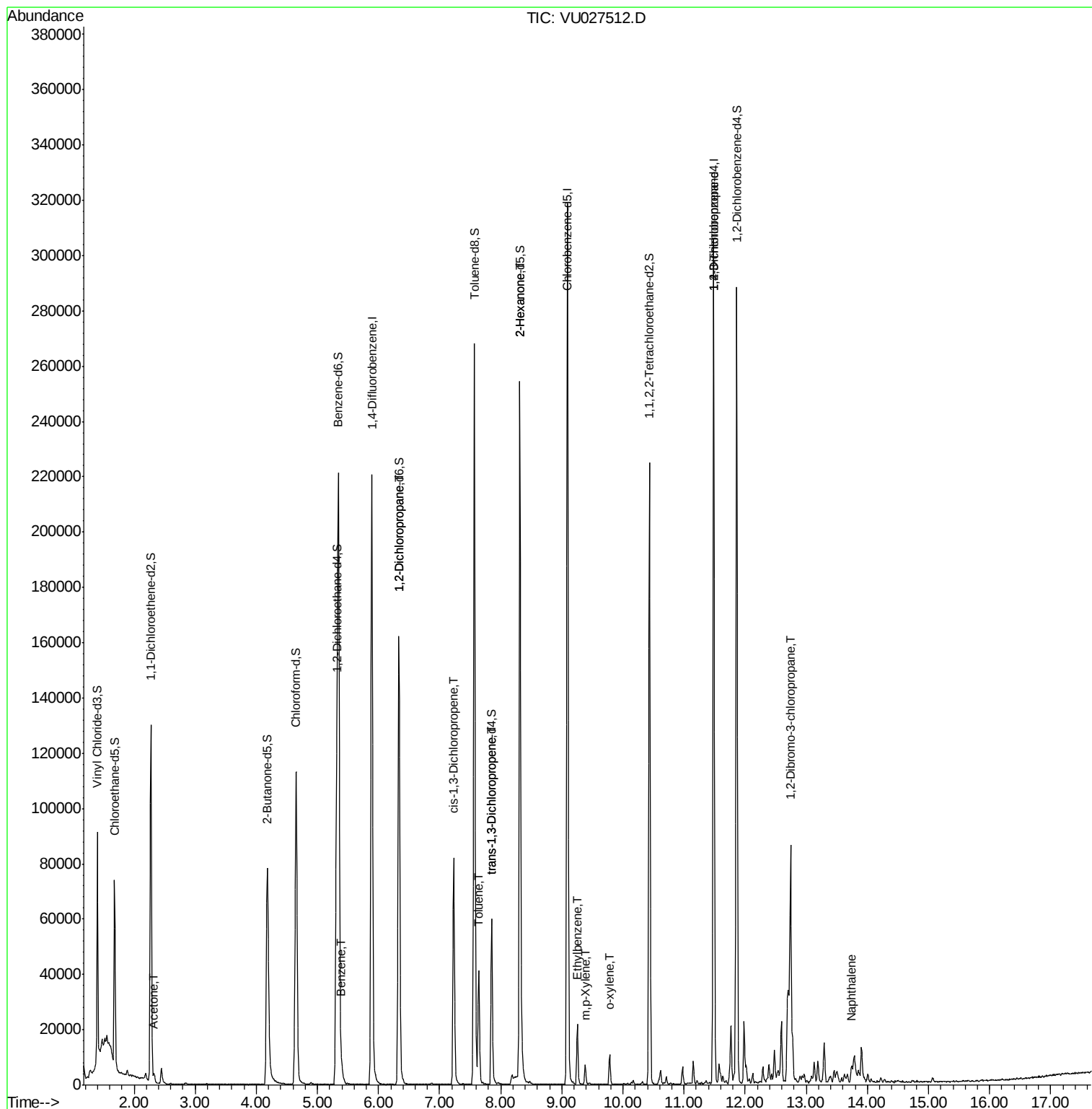
					Qvalue
13) Acetone	2.32	43	2743	2.984 ug/L	91
33) Benzene	5.39	78	4224	0.783 ug/L	100
37) 1,2-Dichloropropane	6.33	63	8549	5.468 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1831	0.797 ug/L #	71
42) Toluene	7.64	91	29505	5.450 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	1406	0.659 ug/L #	79
48) 2-Hexanone	8.31	43	11213	6.203 ug/L #	68
52) Ethylbenzene	9.25	91	15550	2.587 ug/L	99
53) m,p-Xylene	9.38	106	2006	0.912 ug/L	88
54) o-xylene	9.78	106	2806	1.324 ug/L	100
59) 1,2,3-Trichloropropane	11.48	75	10357	5.852 ug/L	90
66) 1,2-Dibromo-3-chloropropan	12.74	75	1015	2.393 ug/L #	6
69) Naphthalene	13.75	128	1844	0.374 ug/L #	75

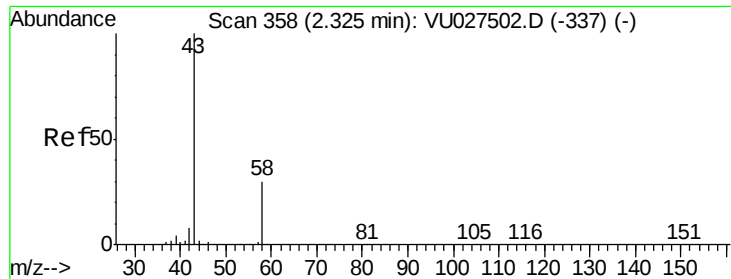
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU027512.D
Acq On : 08 Oct 2018 20:20
Operator : MD/SY
Sample : J5298-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E62W5

Quant Time: Oct 09 05:23:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 05:21:41 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.984 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027512.D

Acq: 08 Oct 2018 20:20

Instrument :

MSVOA_U

ClientSampleId :

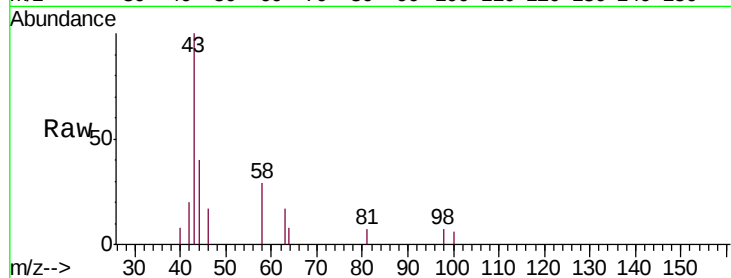
E62W5

Tgt Ion: 43 Resp: 2743

Ion Ratio Lower Upper

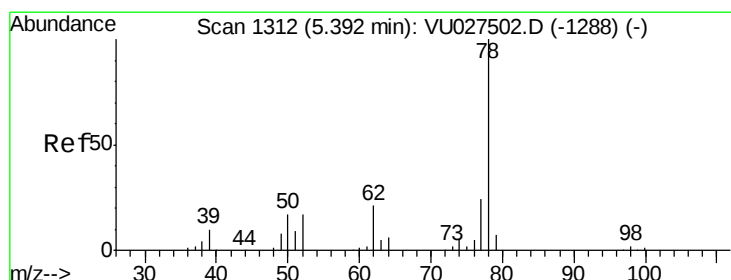
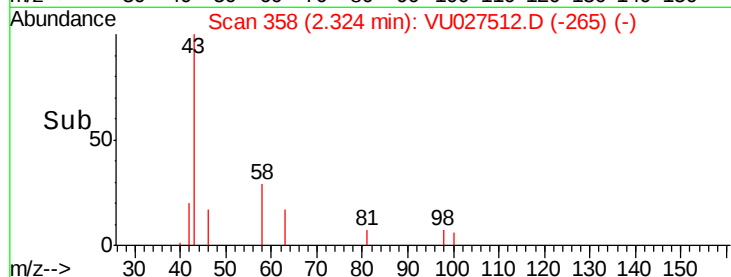
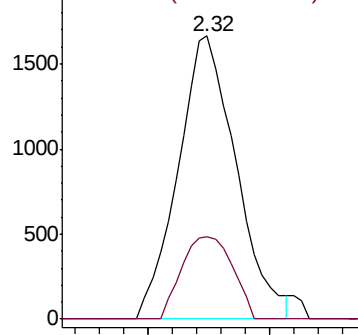
43 100

58 25.7 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#33

Benzene

Concen: 0.783 ug/L

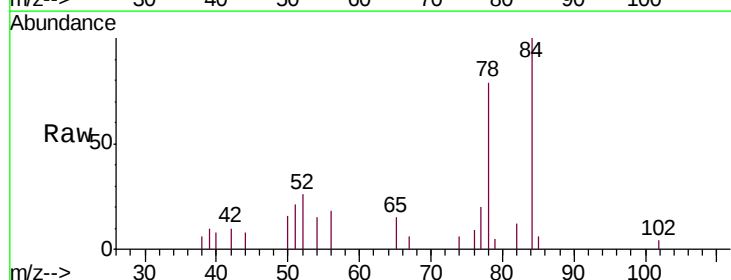
RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

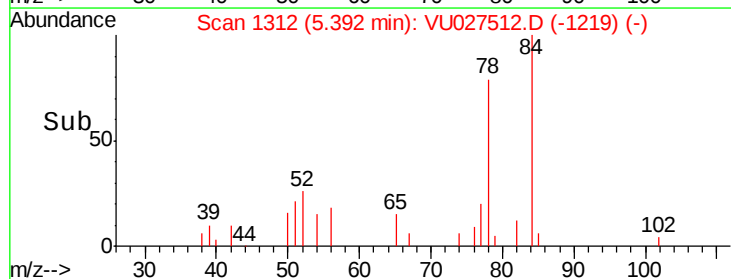
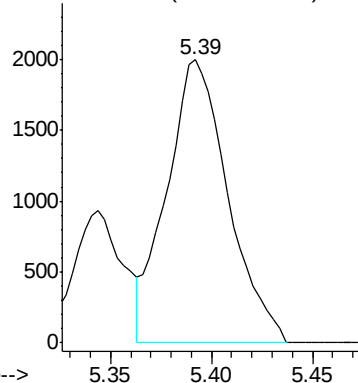
Lab File: VU027512.D

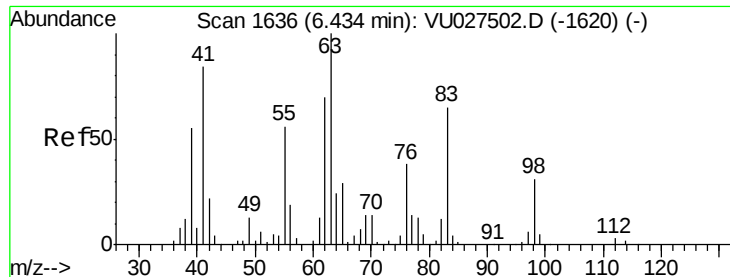
Acq: 08 Oct 2018 20:20

Tgt Ion: 78 Resp: 4224



Abundance Ion 78.00 (77.70 to 78.70): VU0

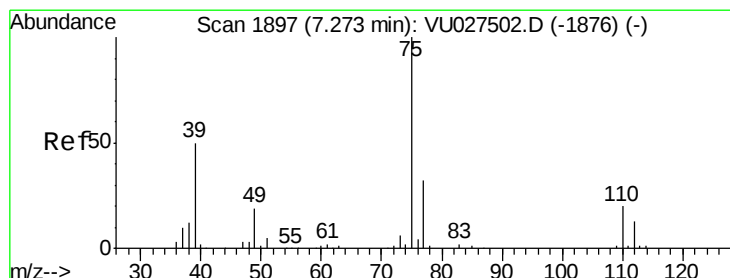
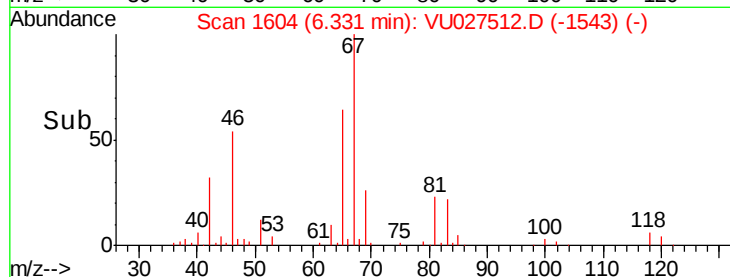
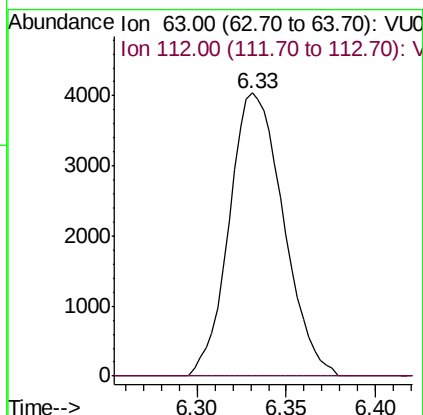
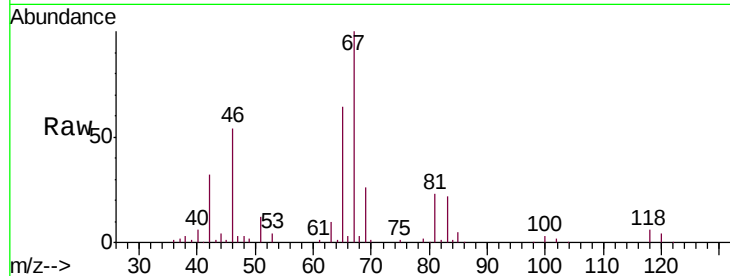




#37
 1,2-Dichloropropane
 Concen: 5.468 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU027512.D
 Acq: 08 Oct 2018 20:20

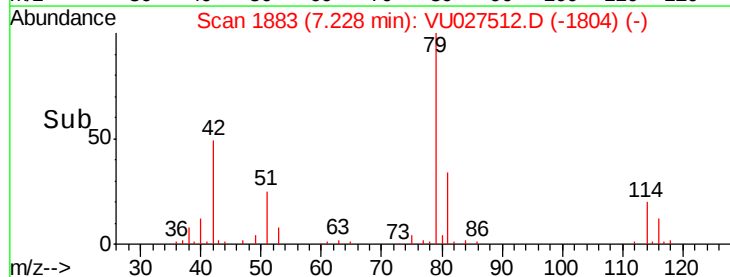
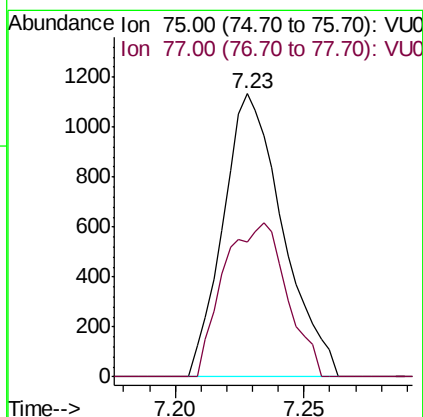
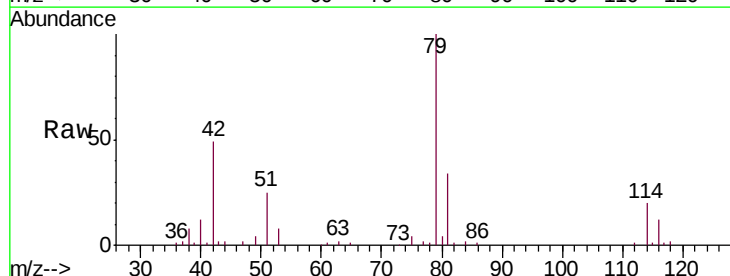
Instrument :
 MSVOA_U
 ClientSampleId :
 E62W5

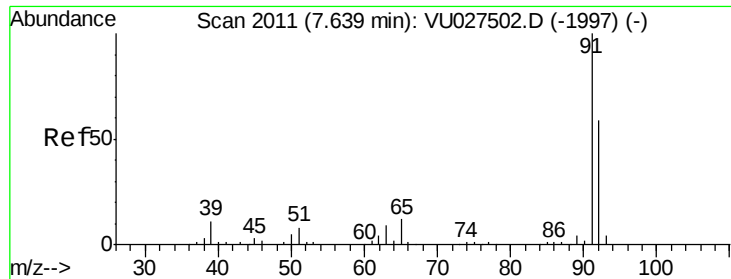
Tgt Ion: 63 Resp: 8549
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.797 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.05 min
 Lab File: VU027512.D
 Acq: 08 Oct 2018 20:20

Tgt Ion: 75 Resp: 1831
 Ion Ratio Lower Upper
 75 100
 77 47.6 22.1 41.1#





#42

Toluene

Concen: 5.450 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027512.D

Acq: 08 Oct 2018 20:20

Instrument :

MSVOA_U

ClientSampleId :

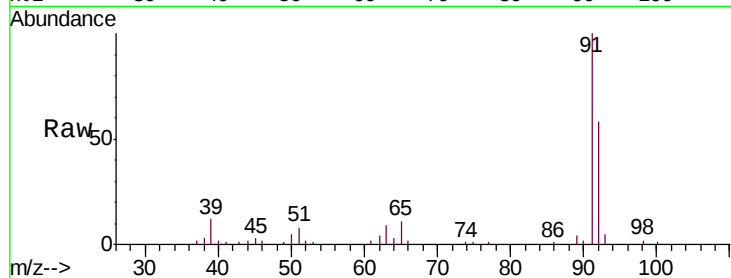
E62W5

Tgt Ion: 91 Resp: 29505

Ion Ratio Lower Upper

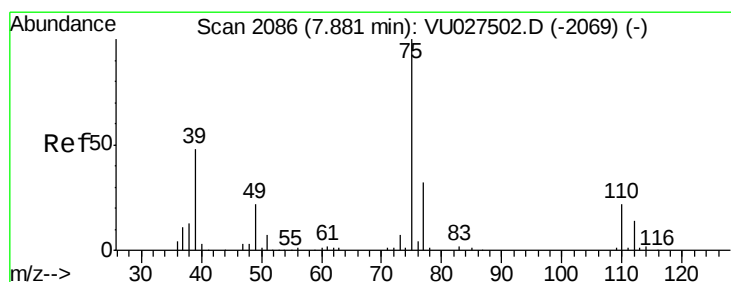
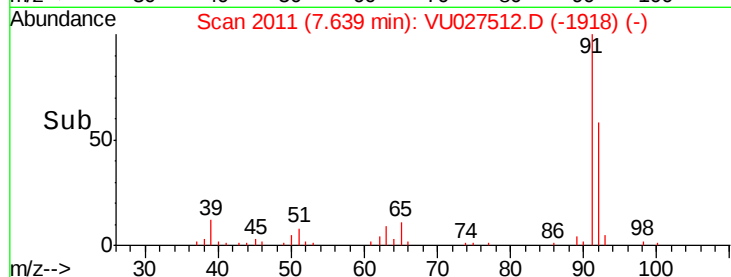
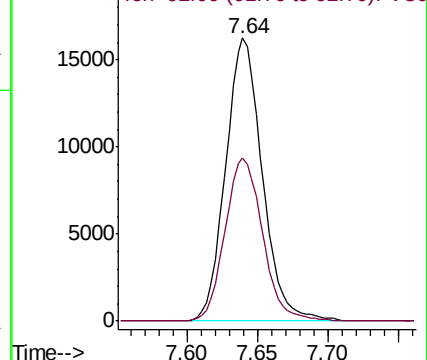
91 100

92 57.8 40.2 74.6



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.659 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU027512.D

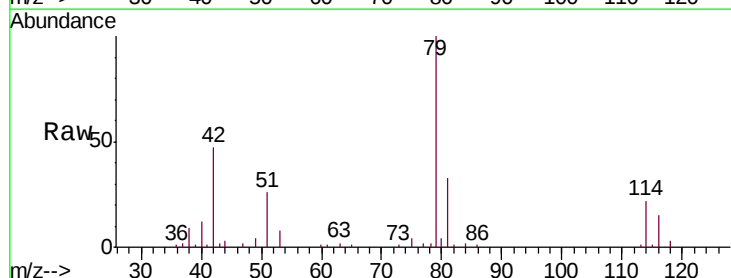
Acq: 08 Oct 2018 20:20

Tgt Ion: 75 Resp: 1406

Ion Ratio Lower Upper

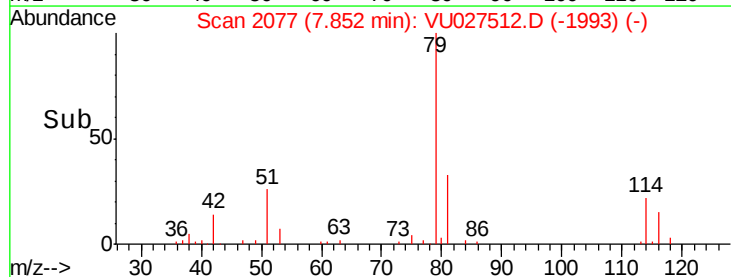
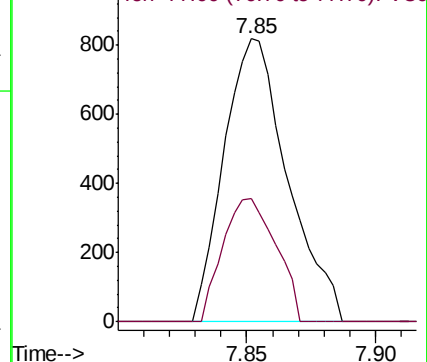
75 100

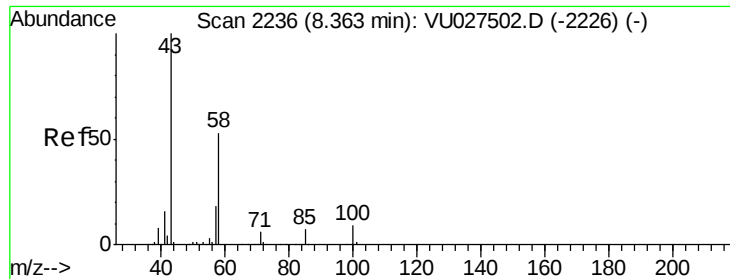
77 43.5 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

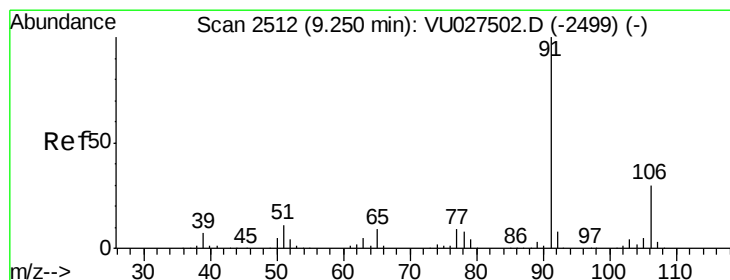
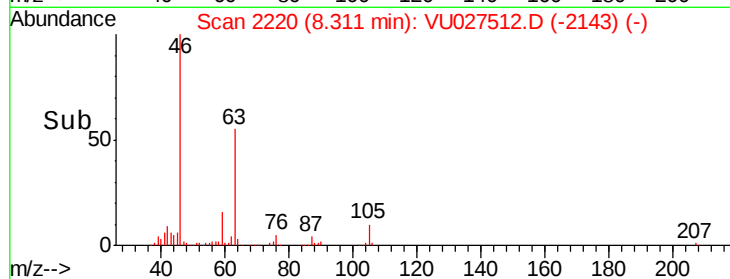
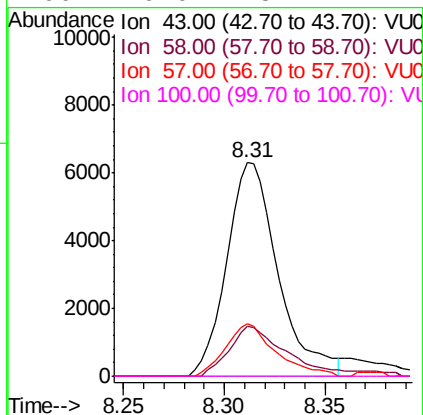
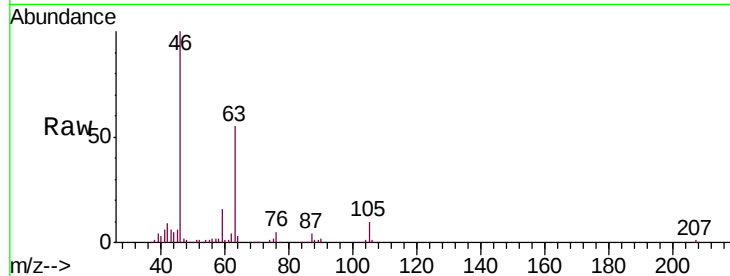




#48
 2-Hexanone
 Concen: 6.203 ug/L
 RT: 8.31 min Scan# 2220
 Delta R.T. -0.05 min
 Lab File: VU027512.D
 Acq: 08 Oct 2018 20:20

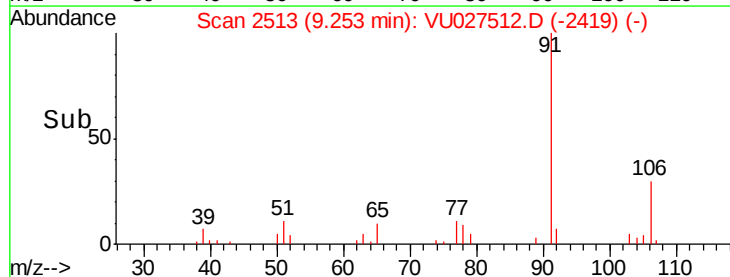
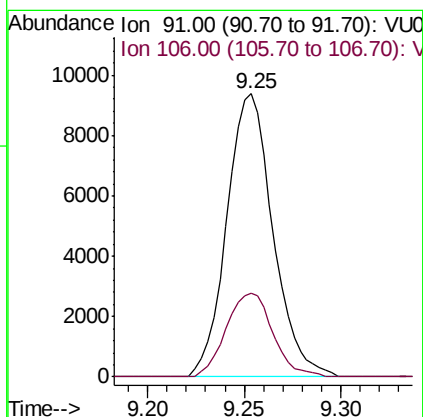
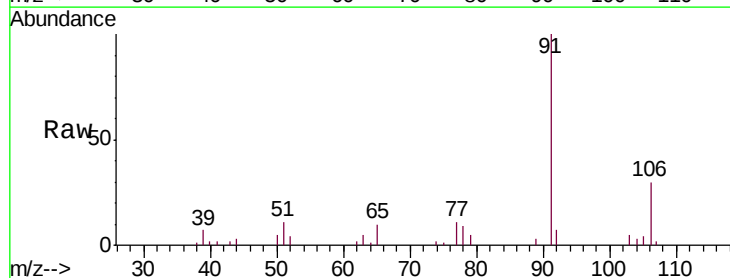
Instrument :
 MSVOA_U
 ClientSampleId :
 E62W5

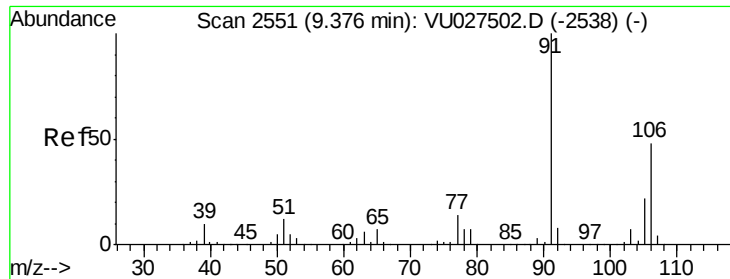
Tgt Ion:	43	Resp:	11213
Ion	Ratio	Lower	Upper
43	100		
58	25.5	42.7	64.1#
57	24.0	14.5	21.7#
100	0.0	8.2	12.2#



#52
 Ethylbenzene
 Concen: 2.587 ug/L
 RT: 9.25 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: VU027512.D
 Acq: 08 Oct 2018 20:20

Tgt Ion:	91	Resp:	15550
Ion	Ratio	Lower	Upper
91	100		
106	29.8	20.6	38.4

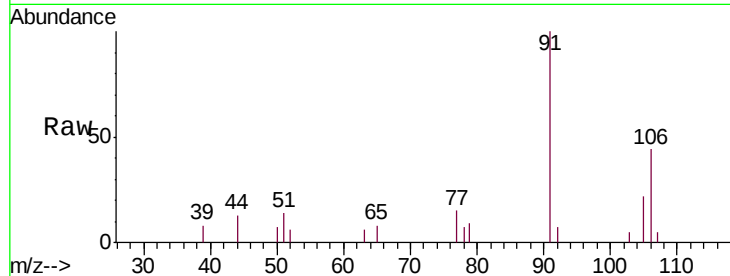




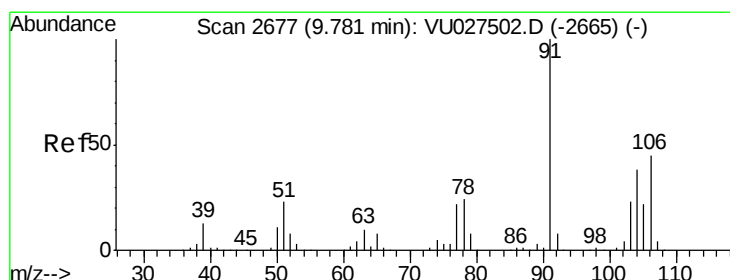
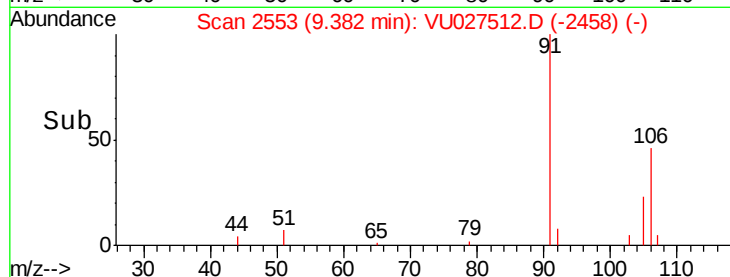
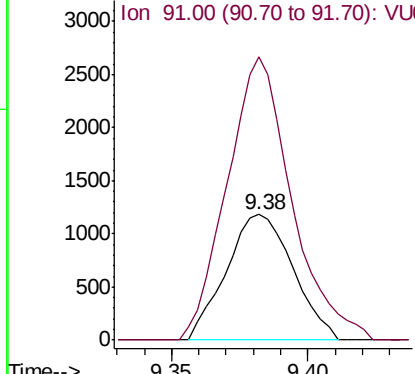
#53
m,p-Xylene
Concen: 0.912 ug/L
RT: 9.38 min Scan# 2553
Delta R.T. 0.01 min
Lab File: VU027512.D
Acq: 08 Oct 2018 20:20

Instrument :
MSVOA_U
ClientSampleId :
E62W5

Tgt Ion:106 Resp: 2006
Ion Ratio Lower Upper
106 100
91 225.5 145.0 269.4

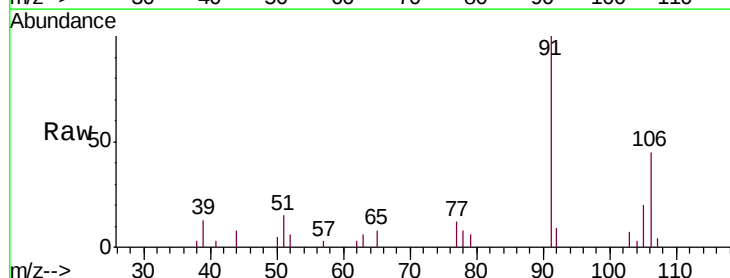


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

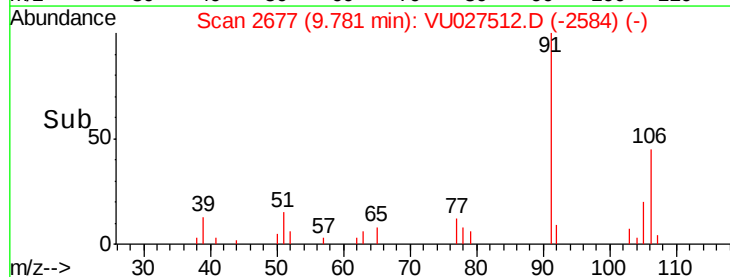
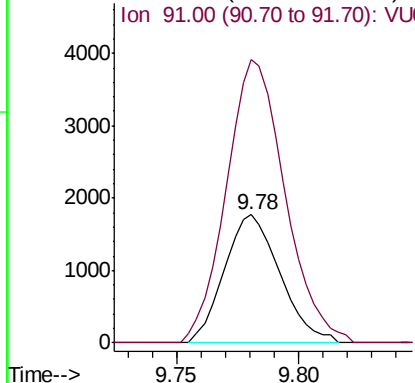


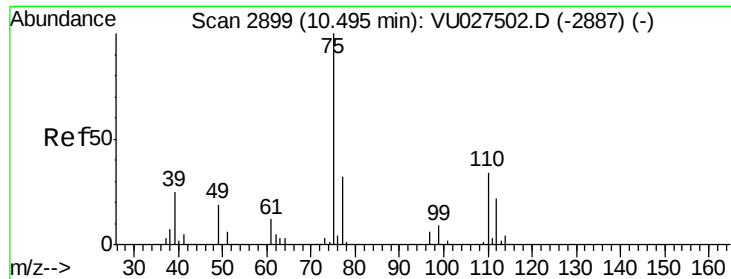
#54
o-xylene
Concen: 1.324 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027512.D
Acq: 08 Oct 2018 20:20

Tgt Ion:106 Resp: 2806
Ion Ratio Lower Upper
106 100
91 221.1 154.8 287.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

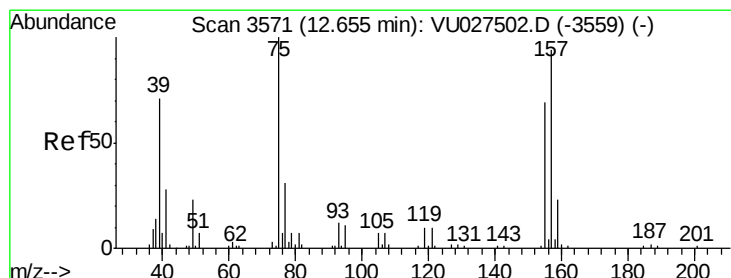
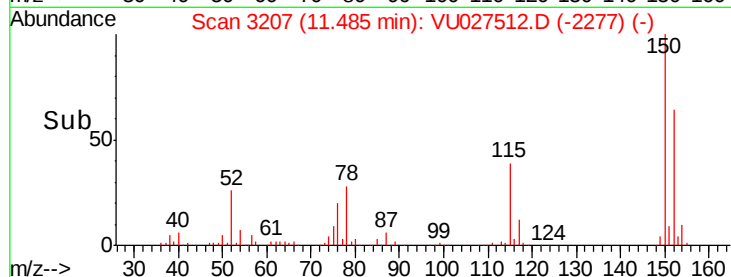
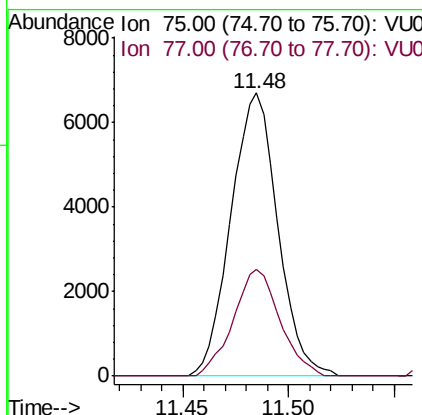
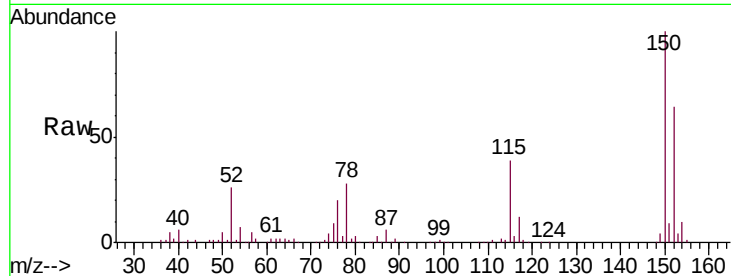




#59
 1,2,3-Trichloropropane
 Concen: 5.852 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027512.D
 Acq: 08 Oct 2018 20:20

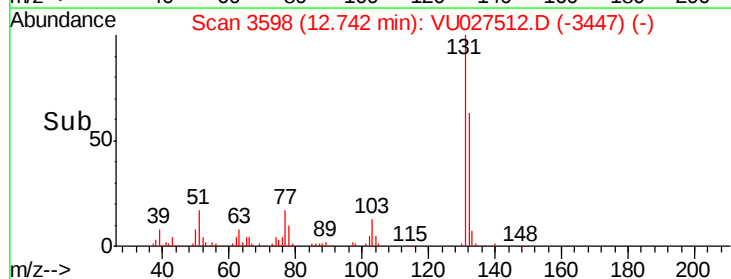
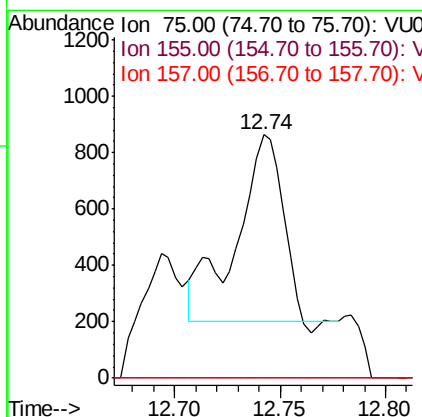
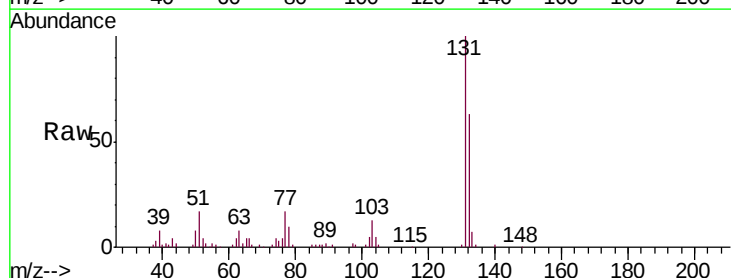
Instrument :
 MSVOA_U
 ClientSampleId :
 E62W5

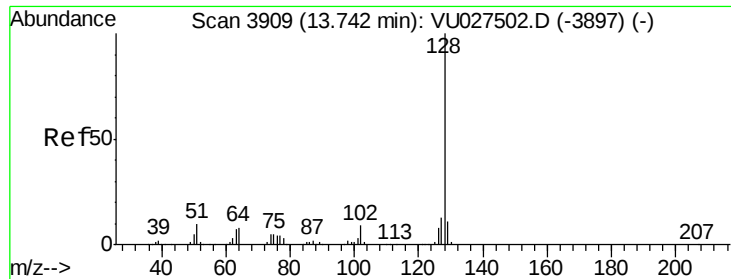
Tgt Ion: 75 Resp: 10357
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.7 38.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.393 ug/L
 RT: 12.74 min Scan# 3598
 Delta R.T. 0.09 min
 Lab File: VU027512.D
 Acq: 08 Oct 2018 20:20

Tgt Ion: 75 Resp: 1015
 Ion Ratio Lower Upper
 75 100
 155 0.0 61.0 91.6#
 157 0.0 77.8 116.8#





#69

Naphthalene

Concen: 0.374 ug/L

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027512.D

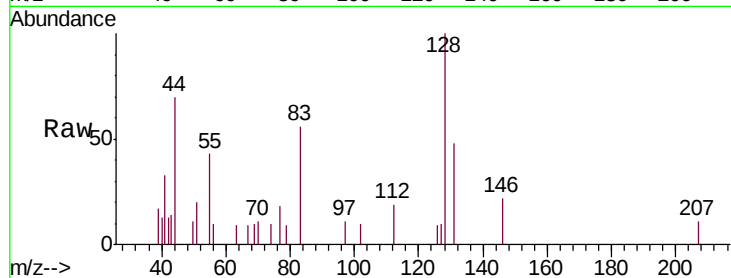
Acq: 08 Oct 2018 20:20

Instrument :

MSVOA_U

ClientSampleId :

E62W5



Tgt Ion:	128	Resp:	1844
Ion	Ratio	Lower	Upper
128	100		
127	2.3	10.4	15.6#
129	2.5	8.6	12.8#

