

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112022\
 Data File : VU051974.D
 Acq On : 20 Nov 2022 15:12
 Operator : JC/MD
 Sample : N5683-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESQS8

Quant Time: Nov 21 01:02:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 18 00:53:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

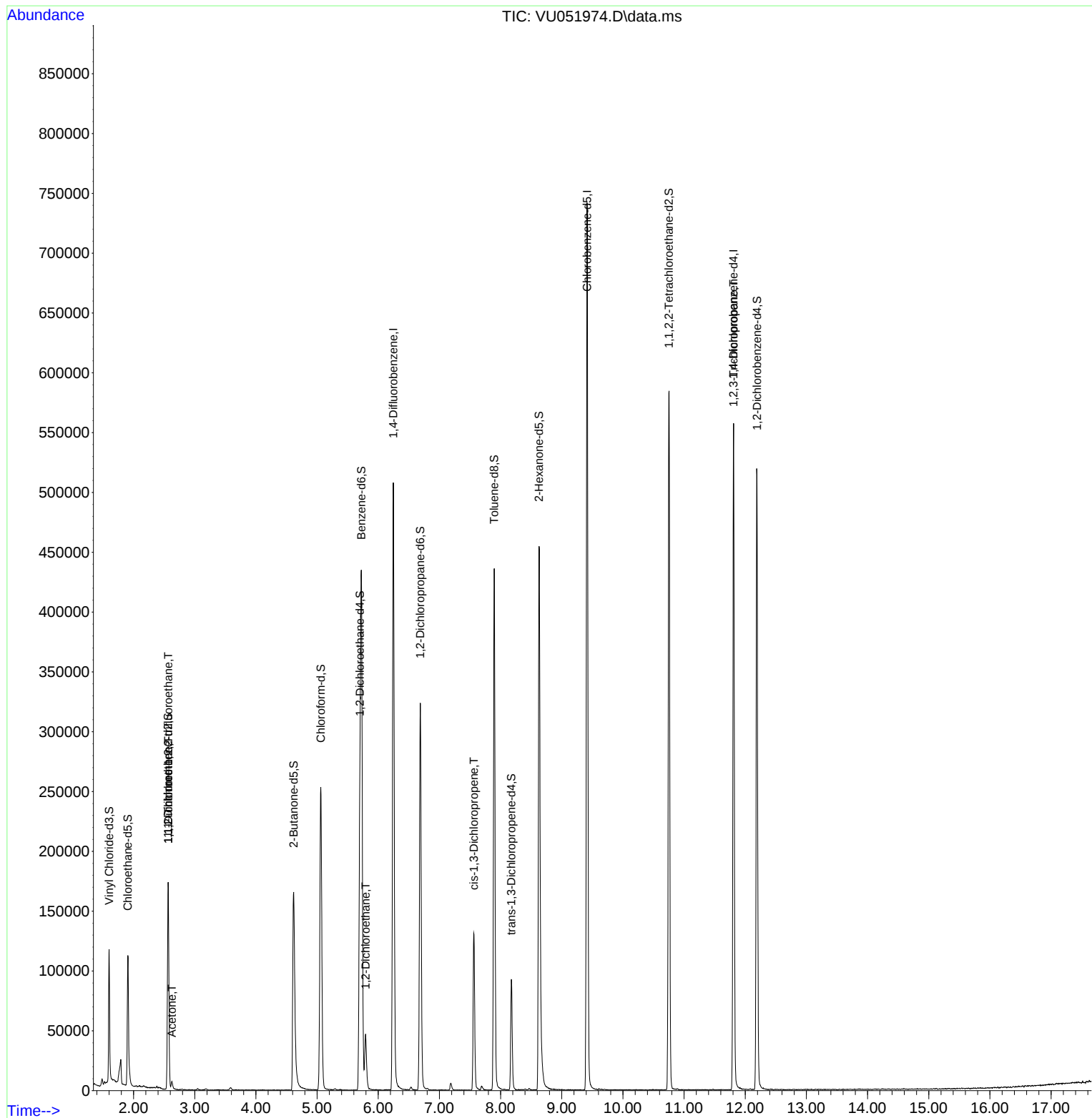
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	418017	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	425352	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	153113	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	81190	39.563	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.120%
7) Chloroethane-d5	1.906	69	94205	45.817	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.640%
11) 1,1-Dichloroethene-d2	2.565	63	102849	27.948	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.900%#
21) 2-Butanone-d5	4.616	46	237627	101.830	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.830%
24) Chloroform-d	5.060	84	244391	47.506	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.020%
26) 1,2-Dichloroethane-d4	5.700	65	152872	48.545	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.080%
32) Benzene-d6	5.726	84	415160	46.811	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.620%
36) 1,2-Dichloropropane-d6	6.687	67	164054	49.695	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.380%
41) Toluene-d8	7.896	98	299797	41.184	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.360%
43) trans-1,3-Dichloroprop...	8.176	79	53579	40.747	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.500%
47) 2-Hexanone-d5	8.629	63	153526	91.507	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.510%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	305184	47.499	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	144988	53.808	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.620%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	885	0.332	ug/L #	20
12) 1,1-Dichloroethene	2.568	96	823	0.330	ug/L #	1
13) Acetone	2.626	43	6187	2.478	ug/L	96
27) 1,2-Dichloroethane	5.793	62	35030	8.315	ug/L	97
39) cis-1,3-Dichloropropene	7.565	75	3065	0.676	ug/L #	52
60) 1,2,3-Trichloropropane	11.806	75	17636	4.815	ug/L #	68

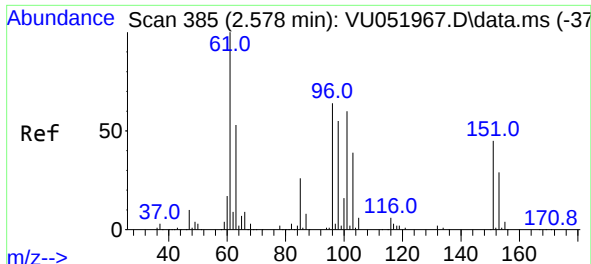
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Nov 18 00:53:49 2022
Response via : Initial Calibration

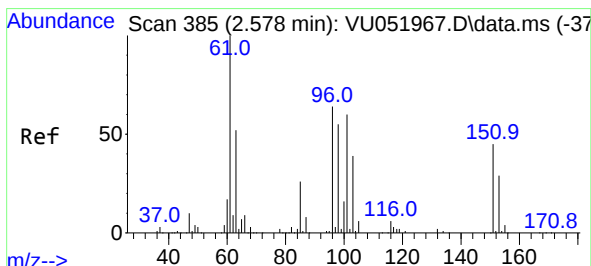
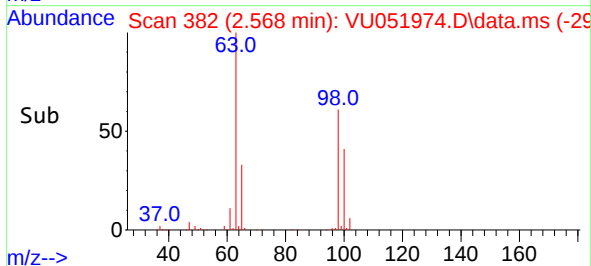
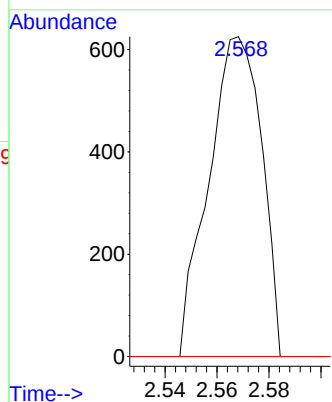
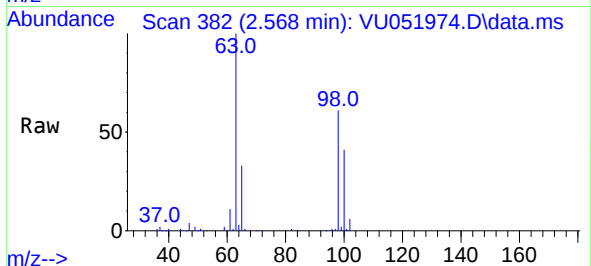




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.332 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.007 min
Lab File: VU051974.D
Acq: 20 Nov 2022 15:12

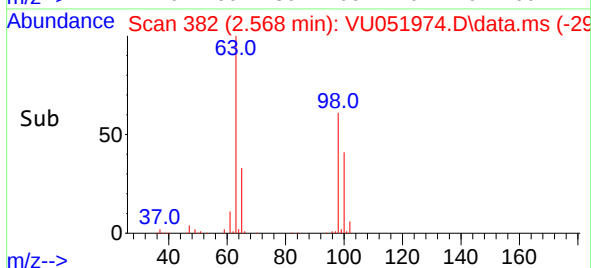
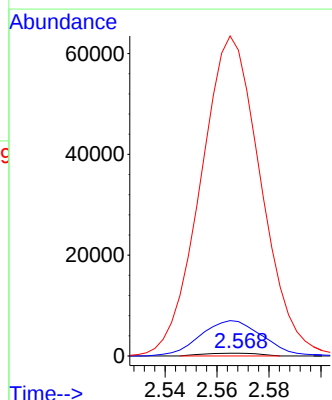
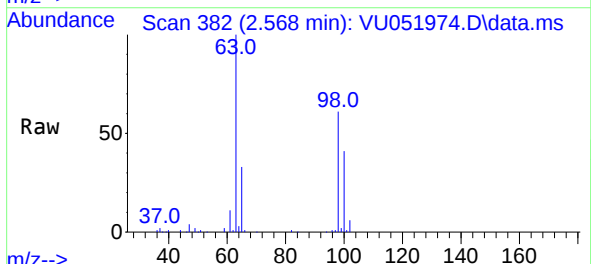
Instrument :
MSVOA_U
ClientSampleId :
ESQS8

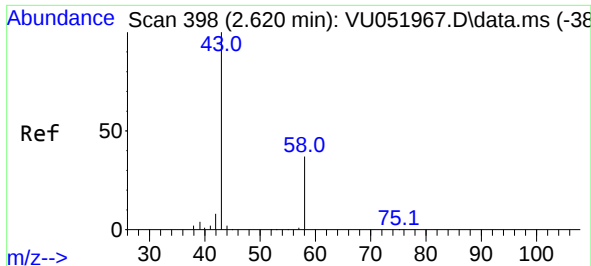
Tgt Ion:101 Resp: 885
Ion Ratio Lower Upper
101 100
85 0.0 34.2 51.2#
151 0.0 58.3 87.5#



#12
1,1-Dichloroethene
Concen: 0.330 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.007 min
Lab File: VU051974.D
Acq: 20 Nov 2022 15:12

Tgt Ion: 96 Resp: 823
Ion Ratio Lower Upper
96 100
61 1247.4 110.7 205.5#
63 11107.7 68.6 127.4#





#13

Acetone

Concen: 2.478 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.006 min

Lab File: VU051974.D

Acq: 20 Nov 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

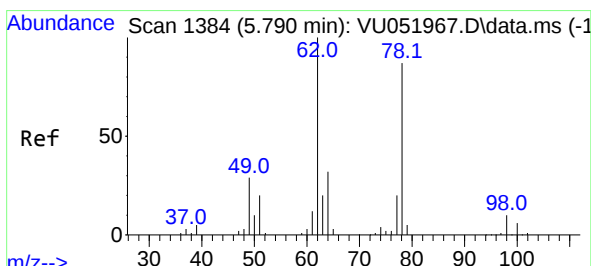
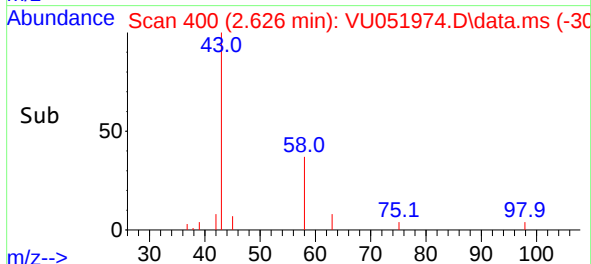
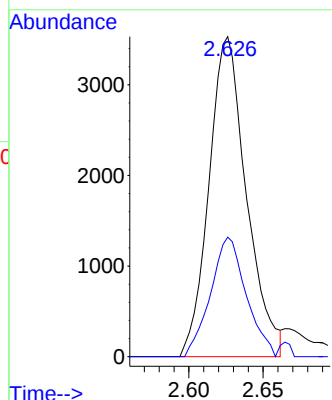
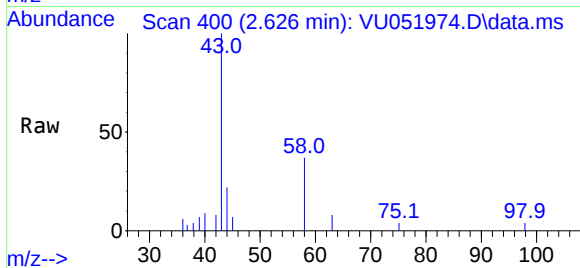
ESQS8

Tgt Ion: 43 Resp: 6187

Ion Ratio Lower Upper

43 100

58 35.6 0.0 75.4



#27

1,2-Dichloroethane

Concen: 8.315 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.003 min

Lab File: VU051974.D

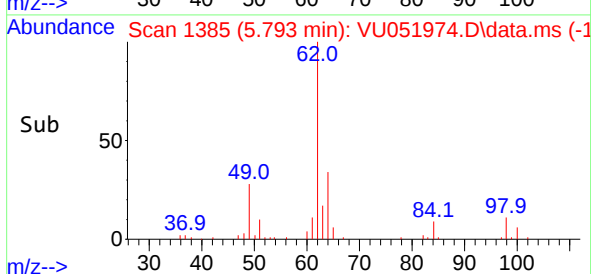
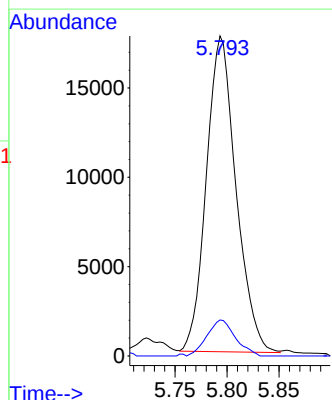
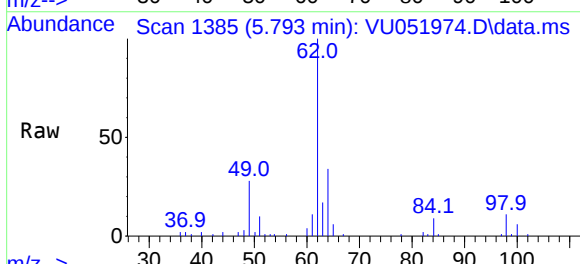
Acq: 20 Nov 2022 15:12

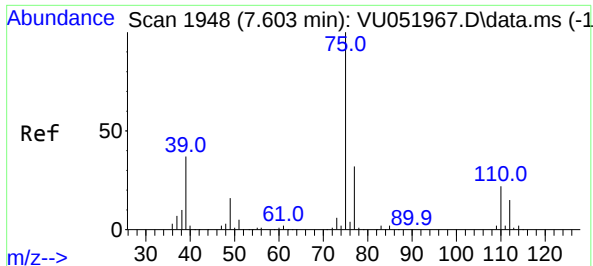
Tgt Ion: 62 Resp: 35030

Ion Ratio Lower Upper

62 100

98 11.2 8.1 12.1

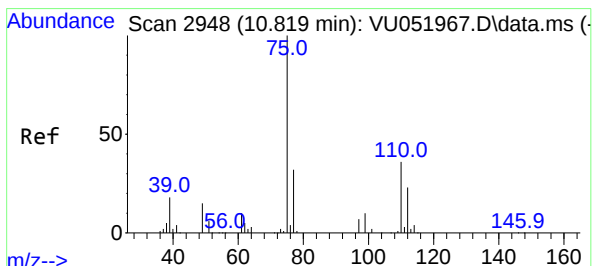
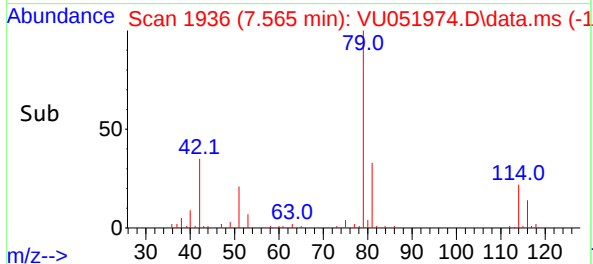
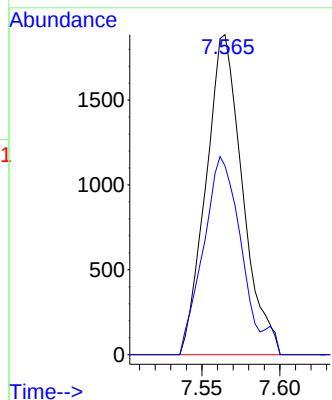
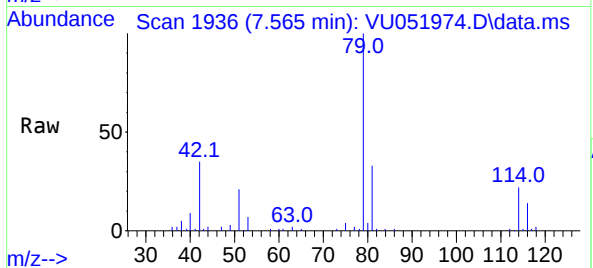




#39
cis-1,3-Dichloropropene
Concen: 0.676 ug/L
RT: 7.565 min Scan# 11
Delta R.T. -0.042 min
Lab File: VU051974.D
Acq: 20 Nov 2022 15:12

Instrument :
MSVOA_U
ClientSampleId :
ESQS8

Tgt Ion: 75 Resp: 3065
Ion Ratio Lower Upper
75 100
77 59.0 22.5 41.7#



#60
1,2,3-Trichloropropane
Concen: 4.815 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.984 min
Lab File: VU051974.D
Acq: 20 Nov 2022 15:12

Tgt Ion: 75 Resp: 17636
Ion Ratio Lower Upper
75 100
77 32.9 26.2 39.4
110 0.8 29.0 43.4#

