

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071724\
 Data File : VU059996.D
 Acq On : 17 Jul 2024 15:42
 Operator : MD/SY
 Sample : P3260-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 18 02:49:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 18 02:31:59 2024
 Response via : Initial Calibration

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

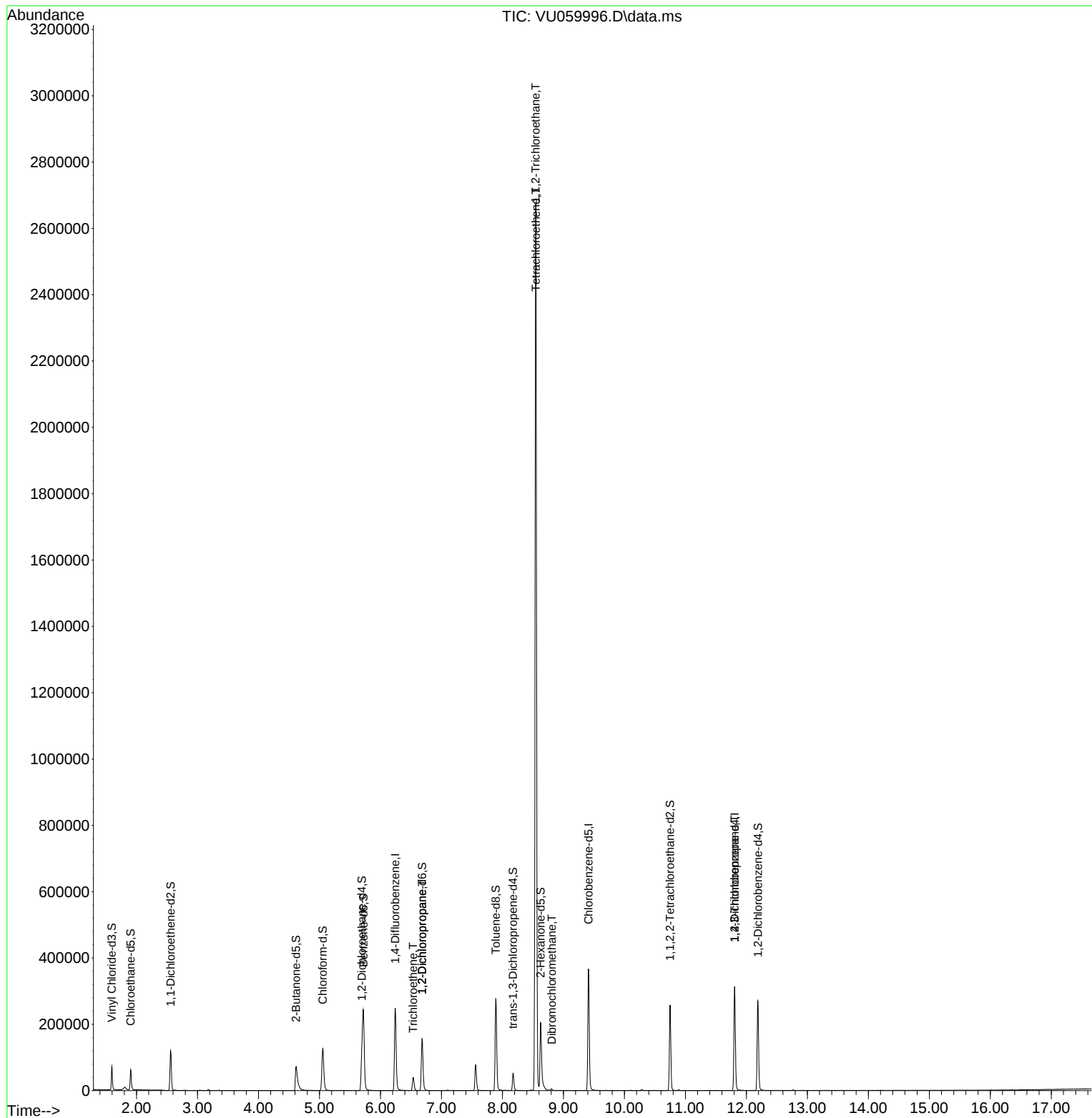
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	211169	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	221049	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93584	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53287	39.302	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.600%
7) Chloroethane-d5	1.904	69	48341	42.388	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.780%
11) 1,1-Dichloroethene-d2	2.560	63	70087	29.097	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.200%#
21) 2-Butanone-d5	4.615	46	105980	112.474	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.470%
24) Chloroform-d	5.055	84	123678	47.104	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.695	65	75242	48.196	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.400%
32) Benzene-d6	5.721	84	238843	42.195	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.682	67	80641	46.031	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.060%
41) Toluene-d8	7.891	98	197163	36.628	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.260%#
43) trans-1,3-Dichloroprop...	8.174	79	32254	39.345	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.680%
47) 2-Hexanone-d5	8.627	63	73863	100.042	ug/L	-0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.040%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	135396	50.353	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.700%
66) 1,2-Dichlorobenzene-d4	12.190	152	80624	46.883	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.760%
Target Compounds						
					Qvalue	
34) Trichloroethene	6.537	95	14607	9.170	ug/L	94
37) 1,2-Dichloropropane	6.682	63	7839	4.771	ug/L #	88
45) 1,1,2-Trichloroethane	8.544	97	4531	2.633	ug/L #	1
46) Tetrachloroethene	8.547	164	624628	476.662	ug/L	98
49) Dibromochloromethane	8.807	129	2899	1.710	ug/L	100
60) 1,2,3-Trichloropropane	11.807	75	10581	5.957	ug/L #	65

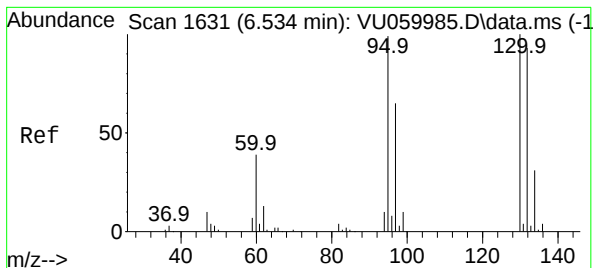
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 9.170 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU059996.D

Acq: 17 Jul 2024 15:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 14607

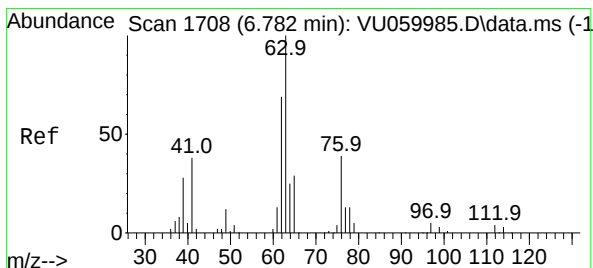
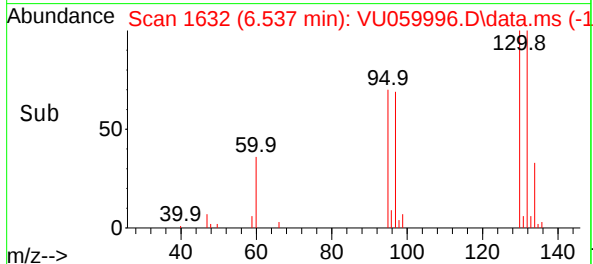
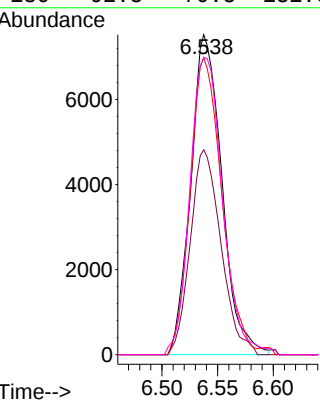
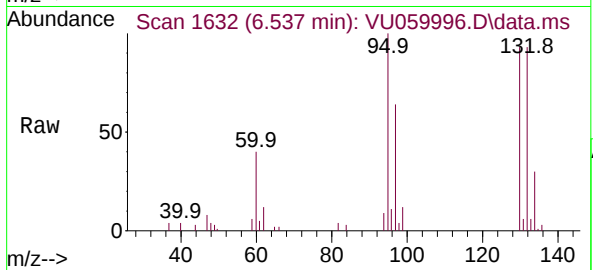
Ion Ratio Lower Upper

95 100

97 64.1 45.8 85.2

132 92.8 69.8 129.6

130 92.8 70.8 131.6



#37

1,2-Dichloropropane

Concen: 4.771 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU059996.D

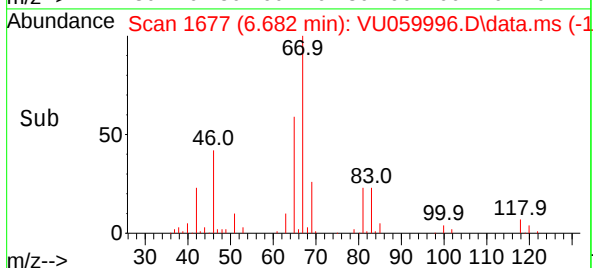
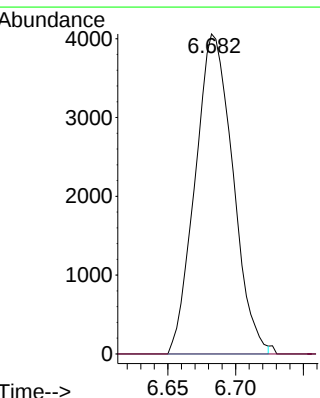
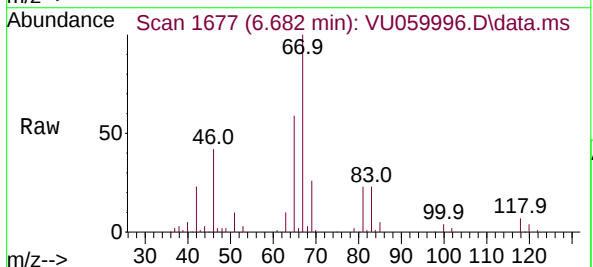
Acq: 17 Jul 2024 15:42

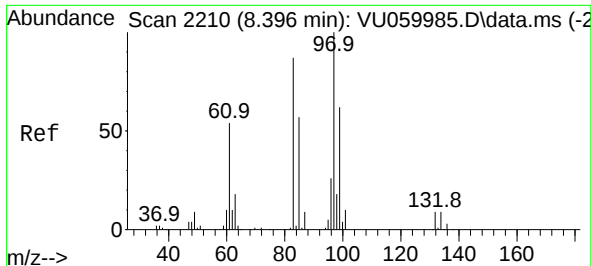
Tgt Ion: 63 Resp: 7839

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



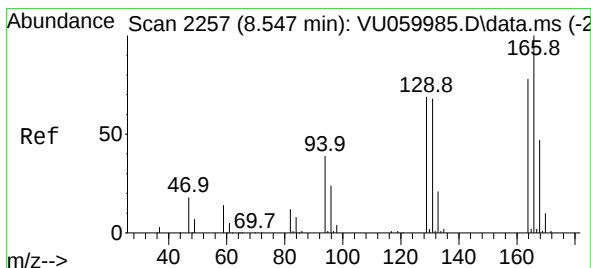
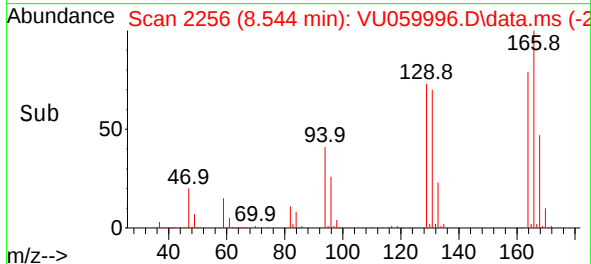
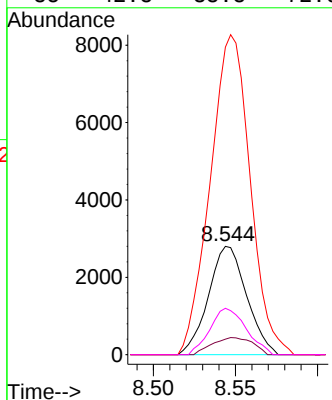
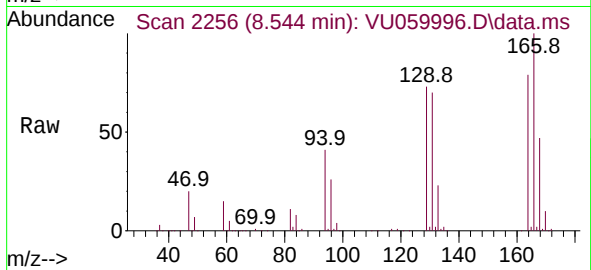


#45
1,1,2-Trichloroethane
Concen: 2.633 ug/L
RT: 8.544 min Scan# 2210
Delta R.T. 0.148 min
Lab File: VU059996.D
Acq: 17 Jul 2024 15:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 4531

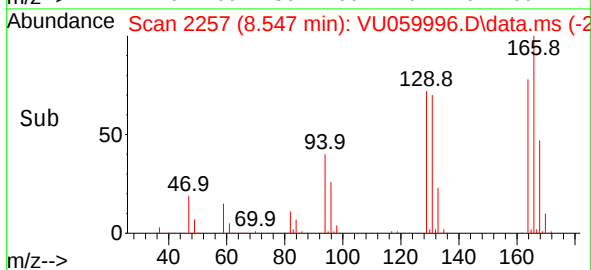
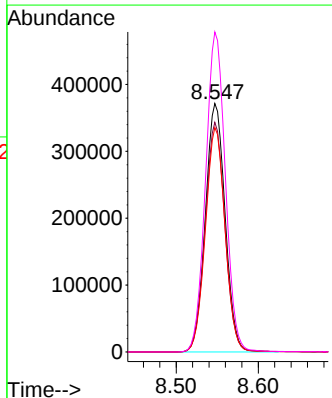
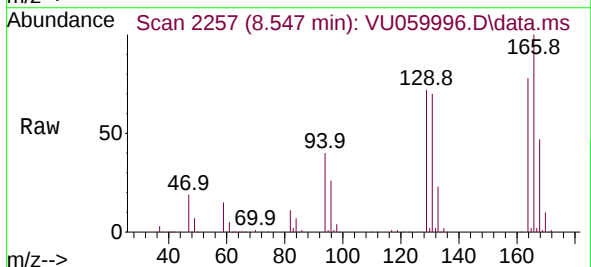
Ion	Ratio	Lower	Upper
97	100		
99	14.3	43.1	80.1#
83	283.8	60.4	112.2#
85	42.8	38.8	72.0

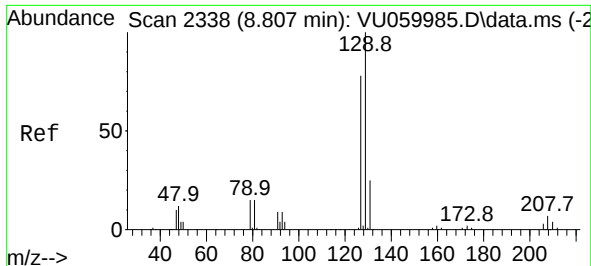


#46
Tetrachloroethene
Concen: 476.662 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059996.D
Acq: 17 Jul 2024 15:42

Tgt Ion: 164 Resp: 624628

Ion	Ratio	Lower	Upper
164	100		
129	92.4	62.7	116.5
131	90.3	62.3	115.7
166	128.8	88.9	165.1





#49

Dibromochloromethane

Concen: 1.710 ug/L

RT: 8.807 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059996.D

Acq: 17 Jul 2024 15:42

Instrument :

MSVOA_U

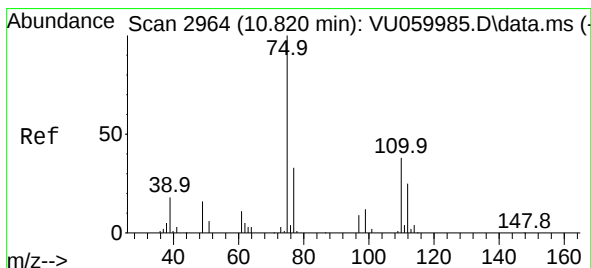
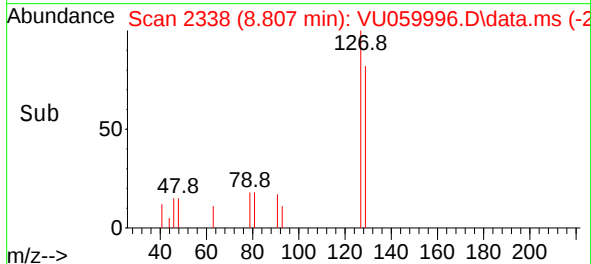
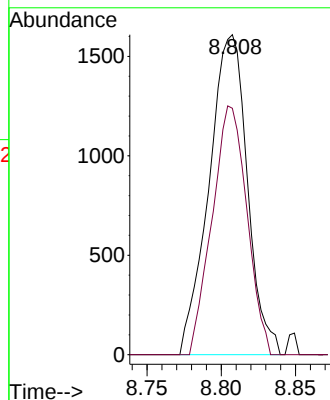
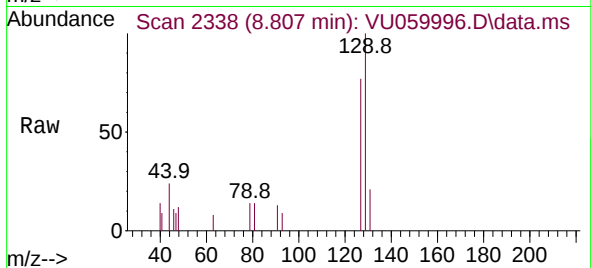
ClientSampleId :

Tgt Ion:129 Resp: 2899

Ion Ratio Lower Upper

129 100

127 77.0 54.0 100.2



#60

1,2,3-Trichloropropane

Concen: 5.957 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.987 min

Lab File: VU059996.D

Acq: 17 Jul 2024 15:42

Tgt Ion: 75 Resp: 10581

Ion Ratio Lower Upper

75 100

77 29.6 25.5 38.3

110 1.9 30.7 46.1#

